ENGINEERING
TOMORROW

Product Catalogue

Industrial Refrigeration
Spare parts and accessories



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Industrial Refrigeration
Spare parts and accessories

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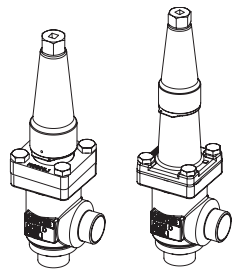
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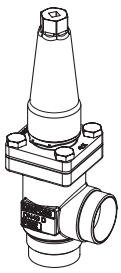
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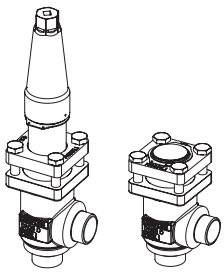
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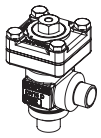
Data sheet – Spare parts and accessories

Shut-off valve, type SVA-S/L, SVA-ST, SVA-LT, SVA-HS | Regulating valve, type REG, REG-SA/SB | Check & stop valve, type SCA, SCA-X | Strainer, type FIA | Check valve, type CHV, CHV-X | ICF 50/65 control modules


SVA


REG


SCA/CHV


FIA

Valve type	Size	See details on page #	Code no.
Inspection kits			
SVA-S/L, ST/LT - REG/SA, SB (Size 10 only)	6-10	4	**148B6050**
SVA-S/L, ST/LT, HS - REG/SA, SB - SCA/X - FIA - CHV/X	15-20	5-6	**148B6051**
SVA-S/L, ST/LT, HS - REG/SA, SB - SCA/X - FIA - CHV/X	25-40	7-8	**148B6052**
SVA-S/L, ST/LT, HS - REG/SA, SB - SCA/X - FIA - CHV/X	50	9-10	**148B6053**
SVA-S/L, ST/LT, HS - REG/SA, SB - SCA/X - FIA - CHV/X	65	11-12	**148B6054**
SVA-S/L, ST/LT, HS - SCA/X - FIA - CHV/X	80	13-14	**148B6055**
SVA-S/L, ST/LT, HS - SCA/X - FIA - CHV/X	100	15-16	**148B6056**
SVA-S/L, ST/LT, HS - SCA/X - FIA - CHV/X	125	17-18	**148B6057**
SVA-S/L, ST/LT, HS - FIA	150	19	**148B6058**
SVA-S/L, ST/LT, HS - FIA	200	20	**148B6059**
Repair kits			
SVA-S/L, ST/LT - REG/SA, SB (Size 10 only)	6-10	21	**148B6060**
SVA-S/L, ST/LT, HS - REG/SA, SB - SCA/X	15-20	22-23	**148B6061**
SVA-S/L, ST/LT, HS - REG/SA, SB - SCA/X	25-40	24-25	**148B6062**
SVA-S/L, ST/LT, HS - REG/SA, SB - SCA/X	50	26-27	**148B6063**
SVA-S/L, ST/LT, HS - REG/SA, SB - SCA/X	65	28-29	**148B6064**
SVA-S/L, ST/LT, HS - SCA/X	80	30	**148B6065**
SVA-S/L, ST/LT, HS - SCA/X	100	31	**148B6066**
SVA-S/L, ST/LT, HS - SCA/X	125	32	**148B6067**
SVA-S/L, ST/LT, HS	150	33	**148B6068**
SVA-S/L, ST/LT, HS	200	34	**148B6473**
Overhaul kits			
SVA-S/L, ST/LT	6-10	35	**148B6150**
SVA-S/L, ST/LT, HS	15-20	36	**148B6151**
SVA-S/L, ST/LT, HS	25-40	37	**148B6152**
SVA-S/L, ST/LT, HS	50	38	**148B6153**
SVA-S/L, ST/LT, HS	65	39	**148B6154**
SVA-S/L, ST/LT, HS	80	40	**148B6155**
SVA-S/L, ST/LT, HS	100	41	**148B6156**
SVA-S/L, ST/LT, HS	125	42	**148B6157**
SVA-S/L, ST/LT, HS	150	43	**148B6158**
SVA-S/L, ST/LT, HS	200	44	**148B6472**

Valve type	Size	See details on page #	Code no.
Overhaul kits			
SCA / X	15-20	45	**148B6160**
SCA / X	25-40	46	**148B6161**
SCA / X	50	47	**148B6162**
SCA / X	65	48	**148B6163**
SCA / X	80	49	**148B6164**
SCA / X	100	50	**148B6165**
SCA / X	125	51	**148B6166**
CHV / X	15-20	52	**148B6167**
CHV / X	25-40	53	**148B6168**
CHV / X	50	54	**148B6169**
CHV / X	65	55	**148B6170**
CHV / X	80	56	**148B6171**
CHV / X	100	57	**148B6172**
CHV / X	125	58	**148B6173**
REG-SA/SB	10	59	**148B6174**
REG-SA/SB	15-20	60	**148B6175**
REG-SA/SB	25-40	61	**148B6176**
REG-SA/SB	50	62	**148B6177**
REG-SA/SB	65	63	**148B6178**
Accessories			
Cap incl. gasket Hand wheel incl. nut and washer Spring for stop/check and check valves Gasket for housing/top cover Grease for packing gland		64	

For REG valves with the previous cone design please refer to the spare part sheets DKRCI.PY.KM0.A and DKRCI.PY.KM0.D.

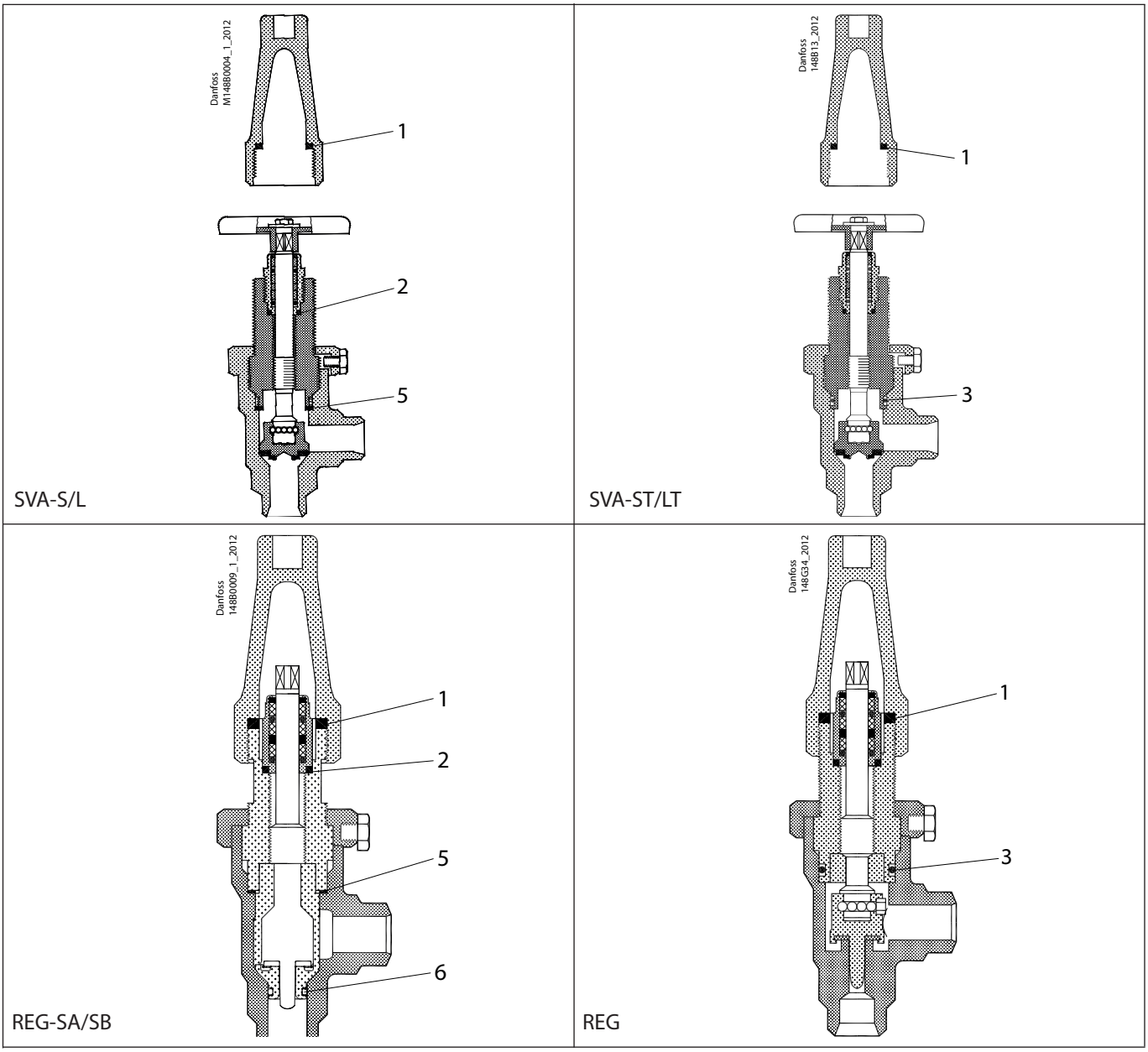
All kits are also suitable for the stainless steel versions of the products.
For the Flexline™ products the alternative for the overhaul kit could be the standard top part from the parts programme.
Please refer to the technical brochures of the individual Flexline™ products.

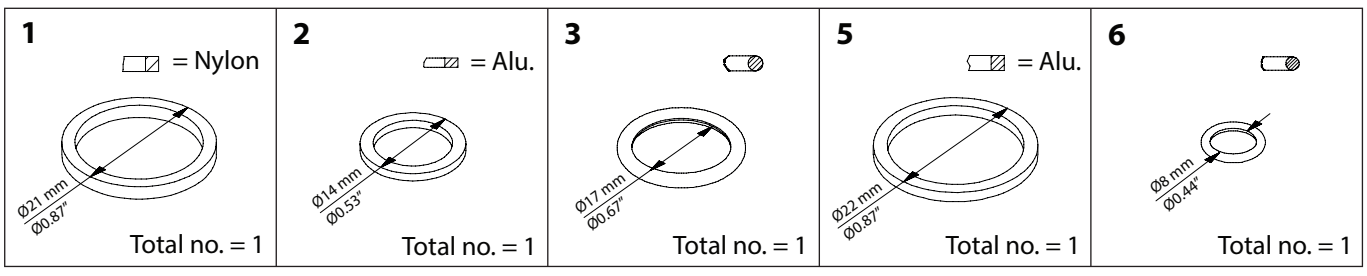
Inspection kits:
Contain all gaskets, O-rings and aluminium rings belonging to indicated valve type and valve size.
For detailed content, see specific pages.

Repair kits:
Contain all gaskets, O-rings and aluminium rings belonging to indicated valve type and valve size along with a complete packing gland.
For detailed content, see specific pages.

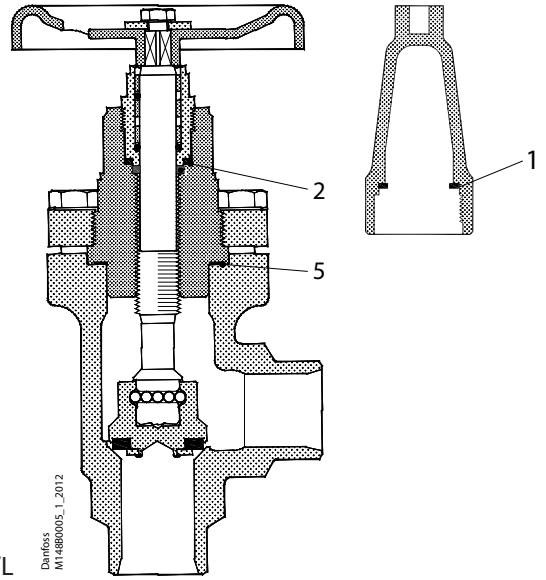
Overhaul kits:
Contain all gaskets, O-rings and aluminium rings belonging to indicated valve type and valve size and, where applicable, complete packing gland and parts that could be damaged or worn out. For detailed content, see specific pages.

Inspection kit | Code number 148B6050
SVA-S/L, SVA-ST/LT sizes 6 to 10, REG-SA/SB, REG size 10

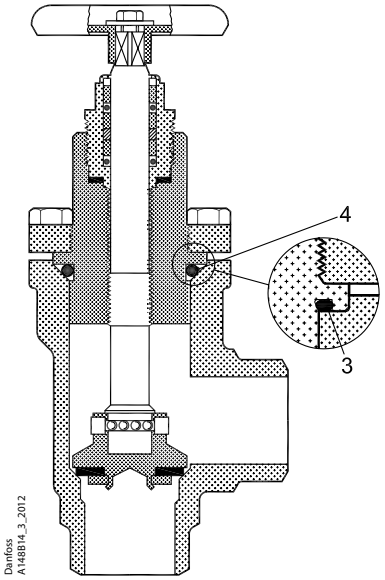




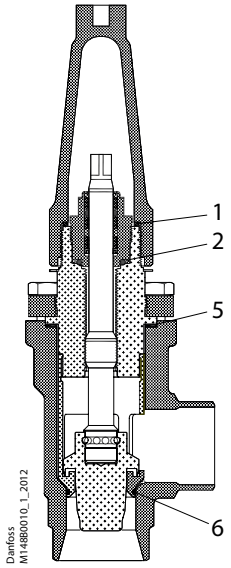
Inspection kit | Code number 148B6051
SVA-S/L, SVA-ST/LT, REG-SA/SB, REG, SVA-HS, SCA/X, FIA, CHV/X sizes 15 - 20



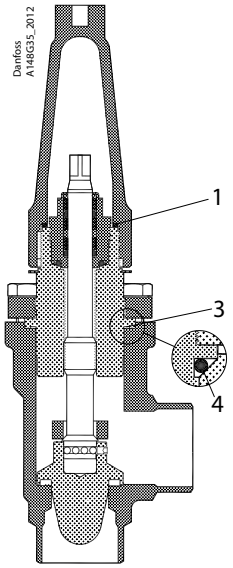
SVA-S/L



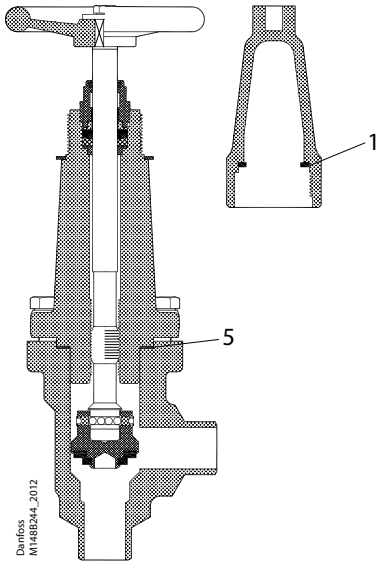
SVA-ST/LT



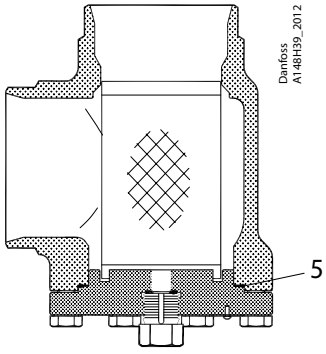
REG-SA/SB



REG



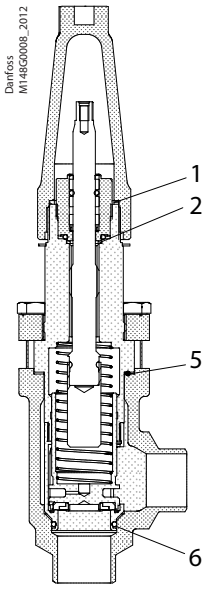
SVA-HS



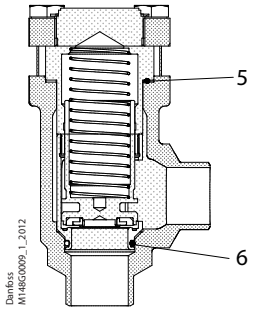
FIA

Inspection kit | Code number 148B6051
SVA-S/L, SVA-ST/LT, REG-SA/SB, REG, SVA-HS, SCA/X, FIA, CHV/X sizes 15 - 20

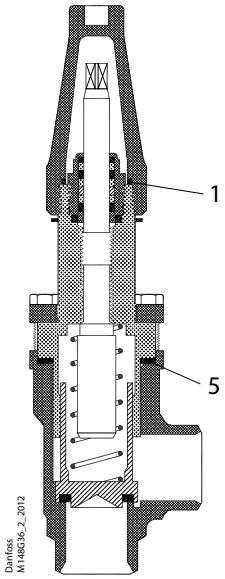
SCA-X



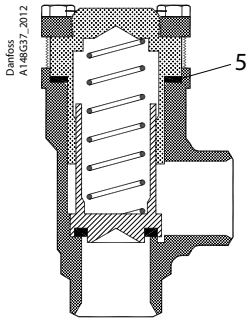
CHV-X



SCA



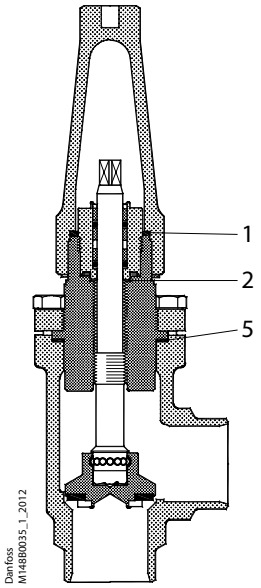
CHV



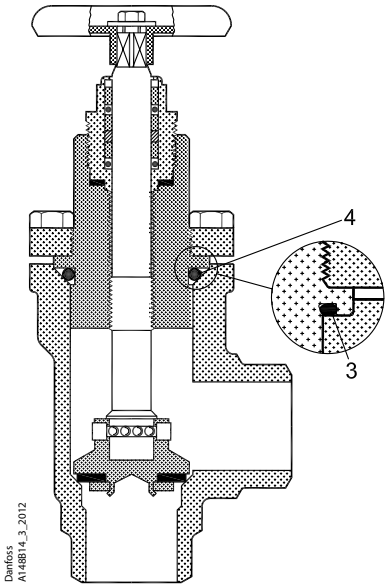
1 = Nylon Ø28 mm Ø1.1" Total no. = 1	**2** = Alu. Ø18 mm Ø0.69" Total no. = 1	**3** Ø27 mm Ø1.06" Total no. = 1	**4** Ø23 mm Ø0.91" Total no. = 1	**5** = Fibre Ø39 mm Ø1.55" Total no. = 1
6 Ø17 mm Ø0.67" Total no. = 1				

Inspection kit | Code number 148B6052
SVA-S/L, SVA-ST/LT, REG-SA/SB, REG, SVA-HS, SCA/X, FIA, CHV/X sizes 25-40

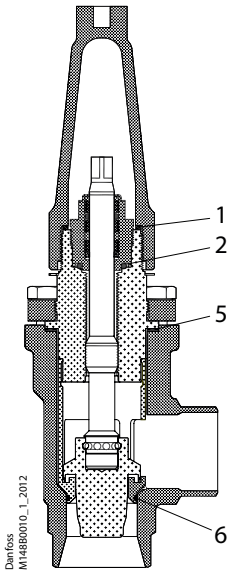
SVA-S/L



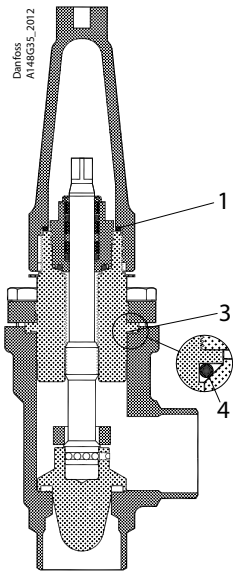
SVA-ST/LT



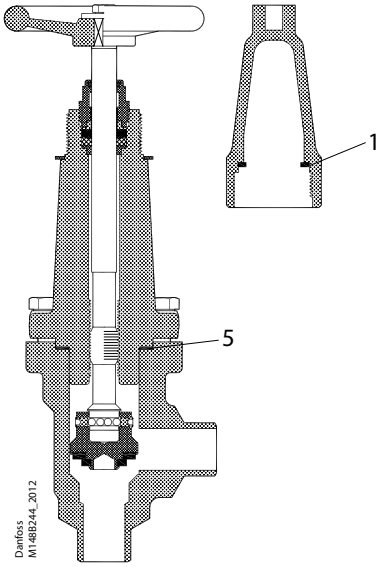
REG-SA/SB



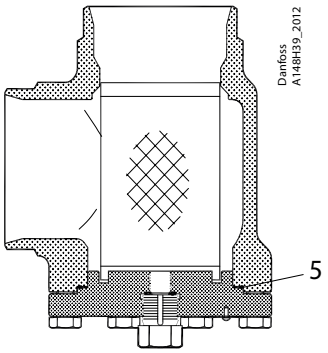
REG



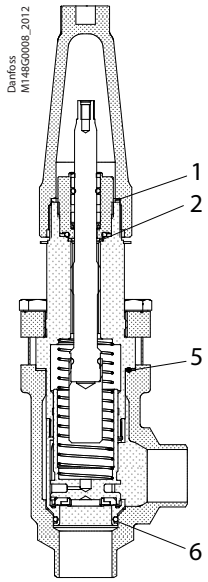
SVA-HS



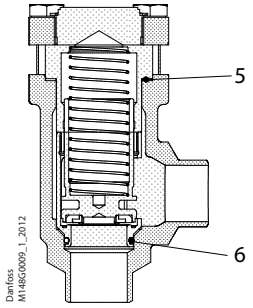
FIA



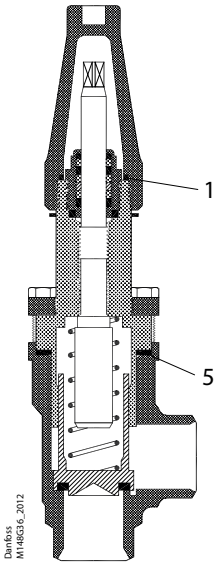
Inspection kit | Code number 148B6052
SVA-S/L, SVA-ST/LT, REG-SA/SB, REG, SVA-HS, SCA/X, FIA, CHV/X sizes 25-40



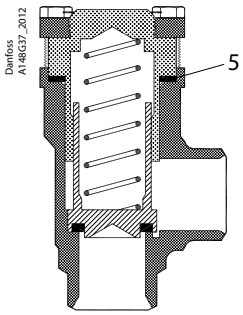
SCA-X



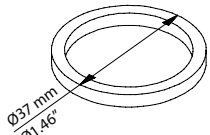
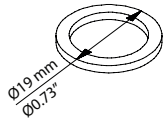
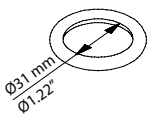
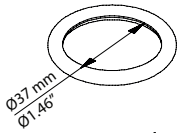
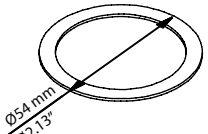
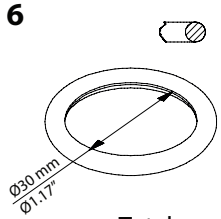
CHV-X



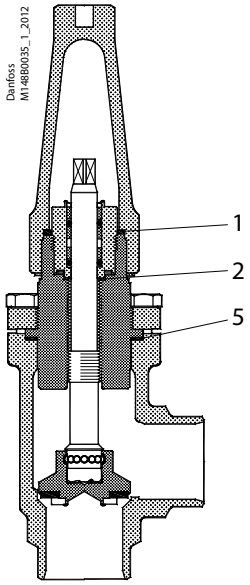
SCA



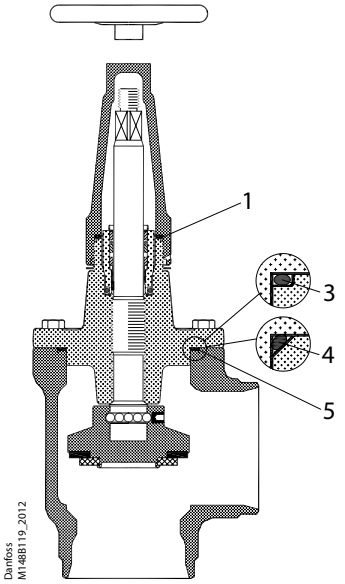
CHV

1 = Nylon  Total no. = 1	**2** = Alu.  Total no. = 1	**3**  Total no. = 1	**4**  Total no. = 1	**5** = Fibre  Total no. = 1
6  Total no. = 1				

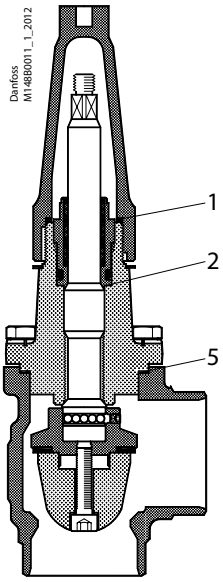
Inspection kit | Code number 148B6053
SVA-S/L, SVA-ST/LT, REG-SA/SB, REG, SVA-HS, SCA/X, FIA, CHV/X size 50



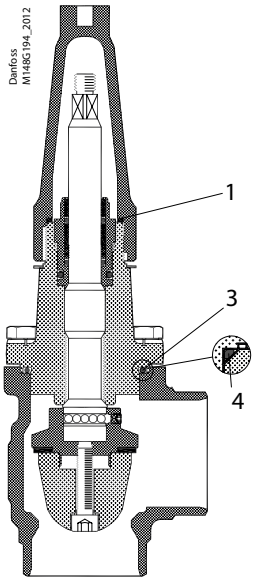
SVA-S/L



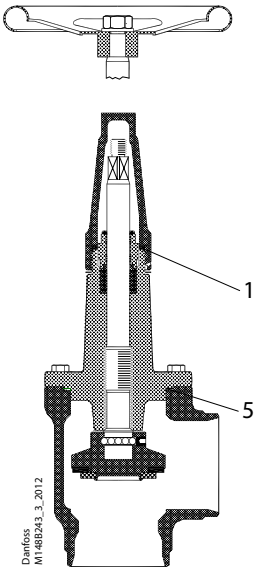
SVA-ST/LT



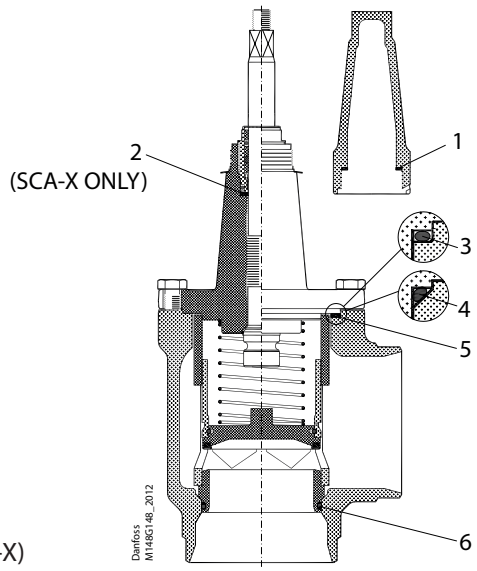
REG-SA/SB



REG

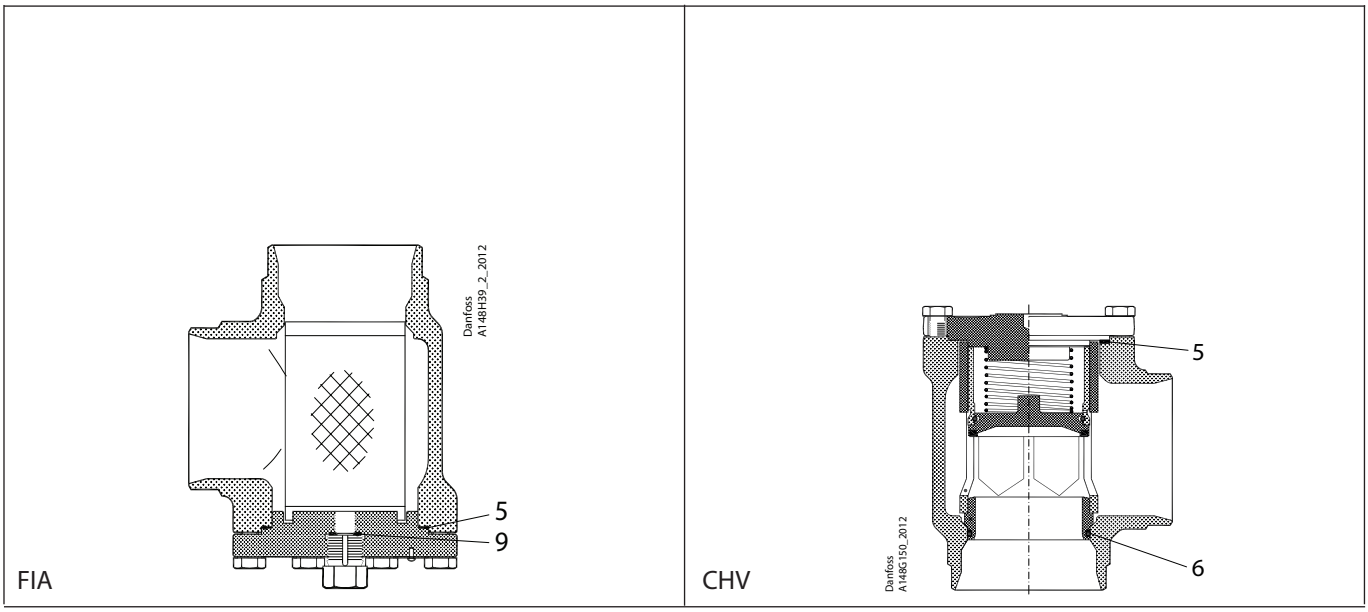


SVA-HS



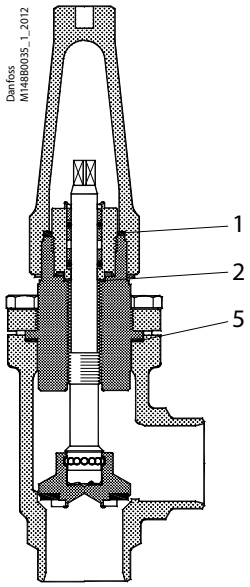
SCA (-X)

Inspection kit | Code number 148B6053
SVA-S/L, SVA-ST/LT, REG-SA/SB, REG, SVA-HS, SCA/X, FIA, CHV/X size 50

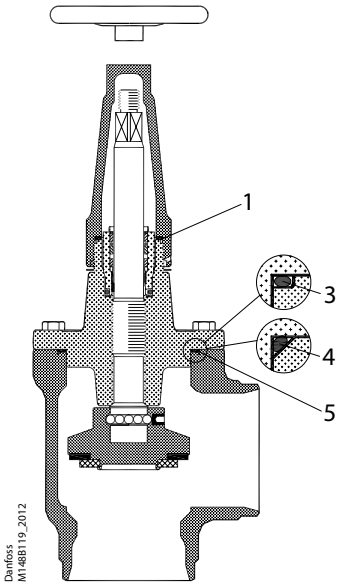


1 = Nylon Ø37 mm Ø1.46" Total no. = 1	**2** = Alu. Ø26.5 mm Ø1.04" Total no. = 1	**3** Ø50 mm Ø1.97" Total no. = 1	**4** Ø47 mm Ø1.85" Total no. = 1	**5** = Fibre Ø63.5 mm Ø2.5" Total no. = 1
6 Ø41 mm Ø1.61" Total no. = 1	**9** = Alu. Ø18 mm Ø0.71" Total no. = 1			

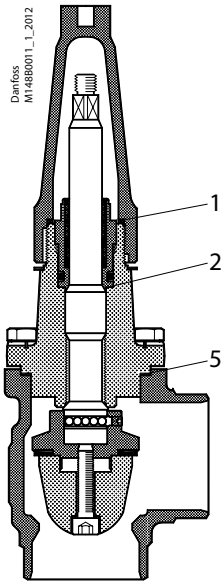
Inspection kit | Code number 148B6054
SVA-S/L, SVA-ST/LT, REG-SA/SB, REG, SVA-HS, SCA/X, FIA, CHV/X size 65



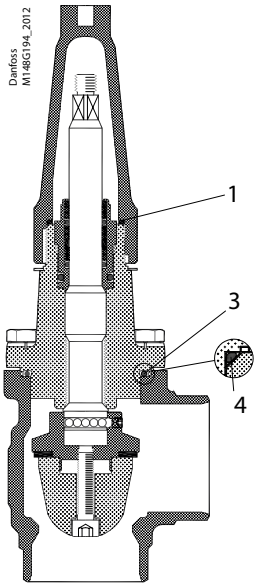
SVA-S/L



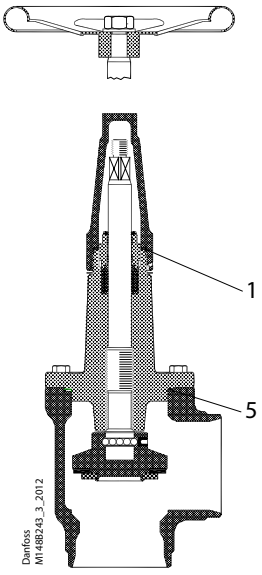
SVA-ST/LT



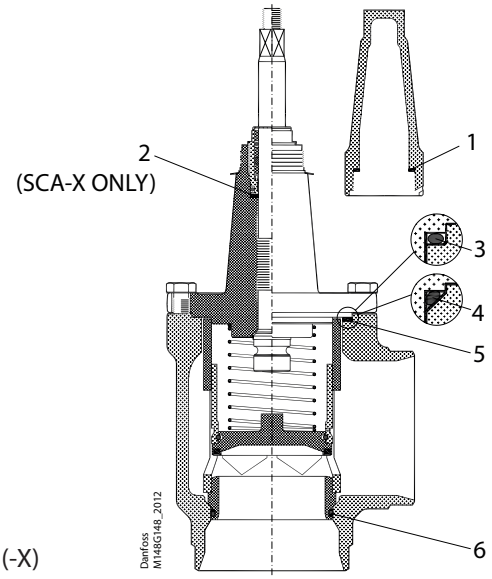
REG-SA/SB



REG

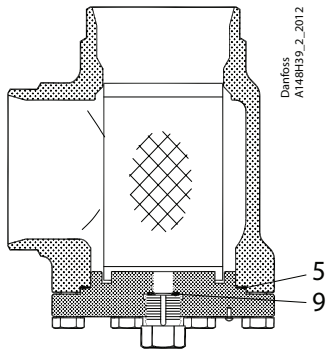


SVA-HS

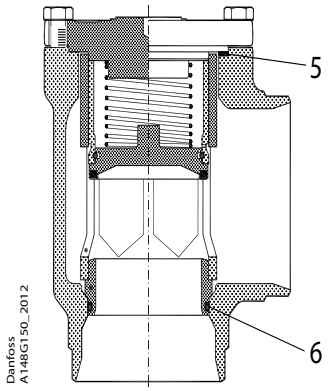


SCA (-X)

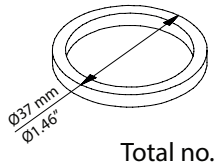
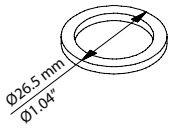
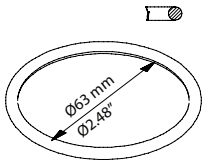
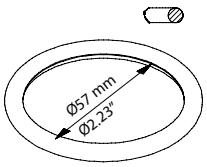
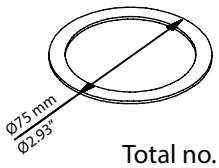
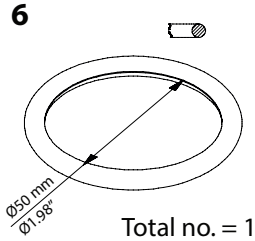
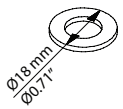
Inspection kit | Code number 148B6054
SVA-S/L, SVA-ST/LT, REG-SA/SB, REG, SVA-HS, SCA/X, FIA, CHV/X size 65



FIA

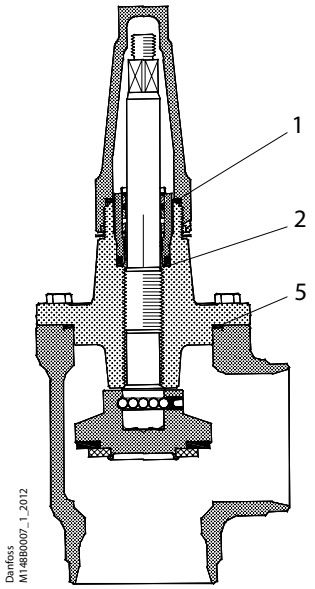


CHV (-X)

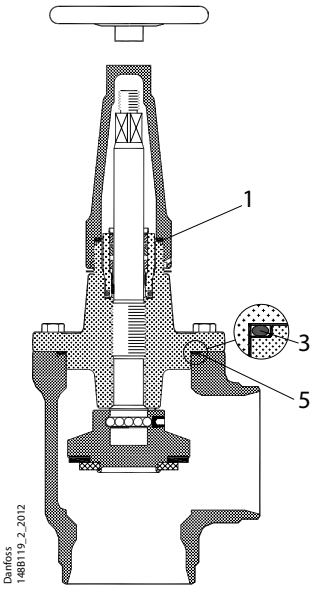
1 = Nylon  Total no. = 1	**2** = Alu.  Total no. = 1	**3**  Total no. = 1	**4**  Total no. = 1	**5** = Fibre  Total no. = 1
6  Total no. = 1	**9** = Alu.  Total no. = 1			

Inspection kit | Code number 148B6055
SVA-S/L, SVA-ST/LT, SVA-HS, SCA/X, FIA, CHV/X size 80

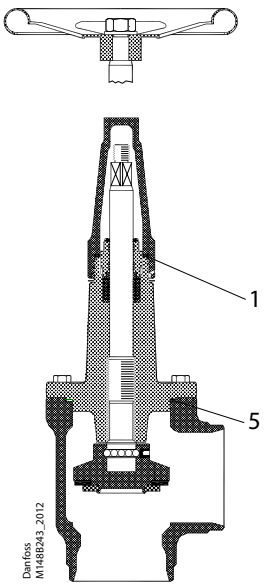
SVA-S/L



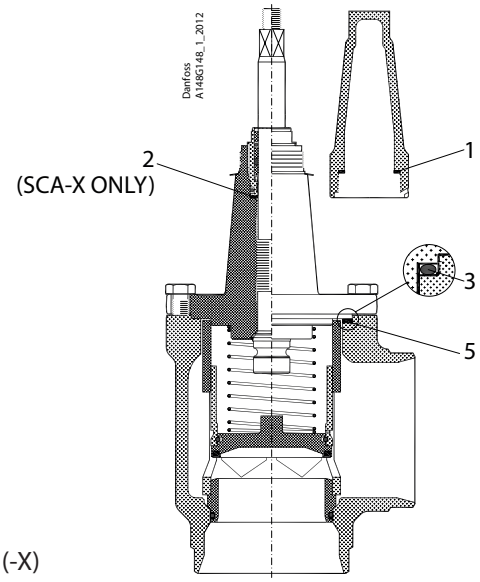
SVA-ST/LT



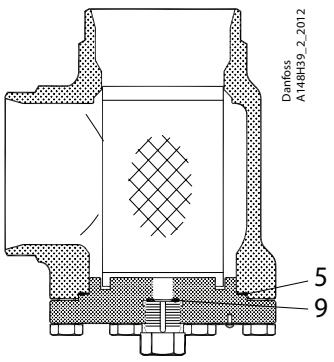
SVA-HS



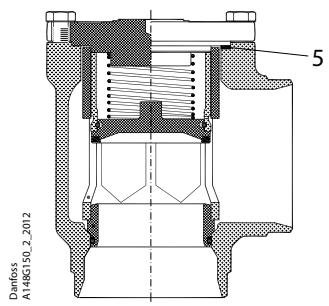
SCA (-X)



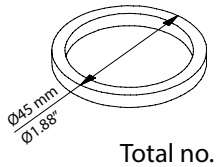
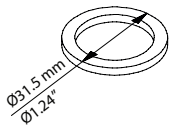
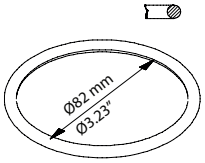
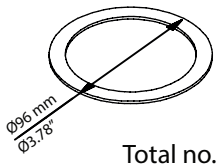
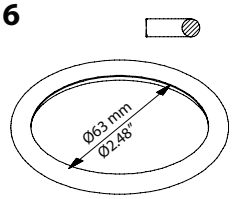
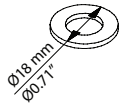
FIA



CHV

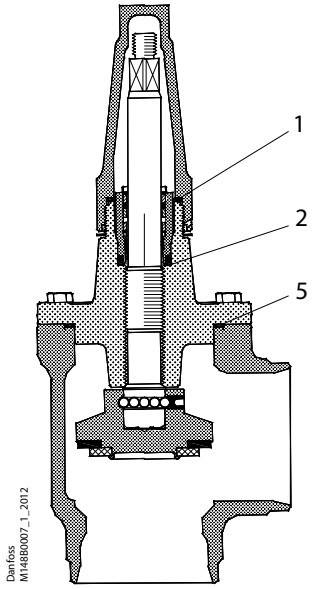


Inspection kit | Code number 148B6055
SVA-S/L, SVA-ST/LT, SVA-HS, SCA/X, FIA, CHV/X size 80

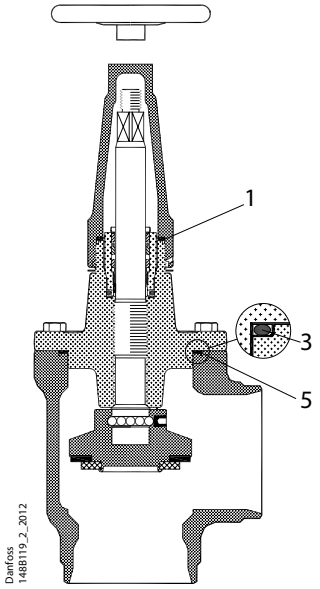
1 = Nylon  Total no. = 1	**2** = Alu.  Total no. = 1	**3**  Total no. = 1	**5** = Fibre  Total no. = 1	**6**  Total no. = 1
9 = Alu.  Total no. = 1				

Inspection kit | Code number 148B6056
SVA-S/L, SVA-ST/LT, SVA-HS, SCA/X, FIA, CHV/X size 100

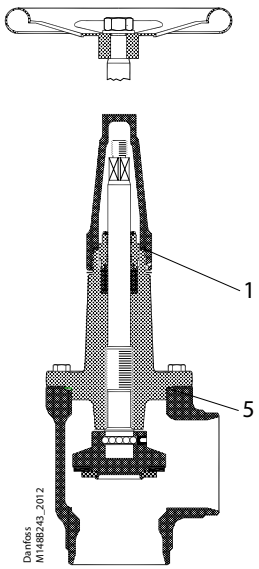
SVA-S/L



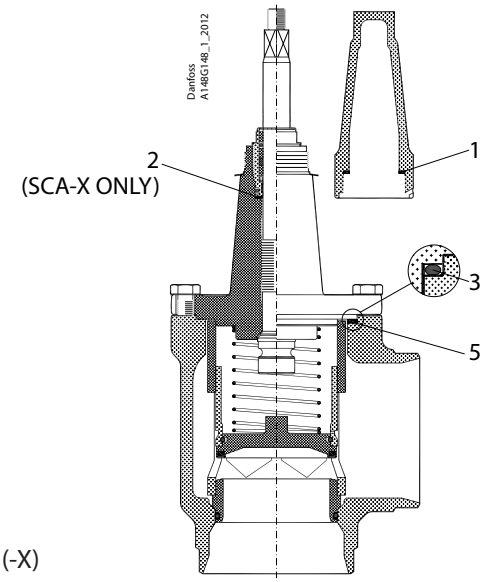
SVA-ST/LT



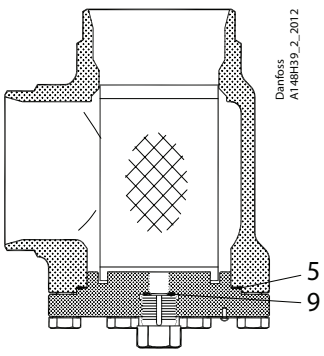
SVA-HS



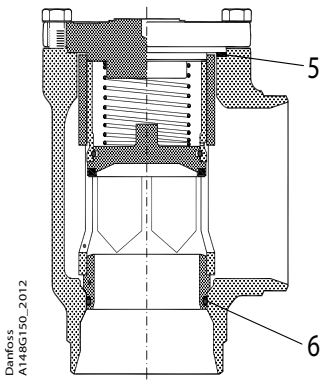
SCA (-X)



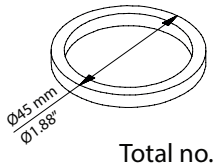
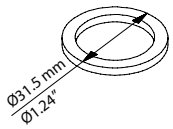
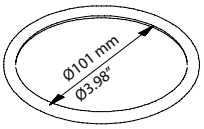
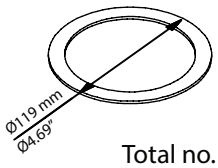
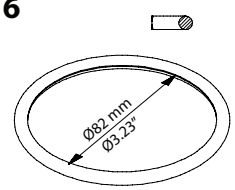
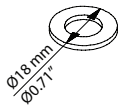
FIA



CHV (-X)

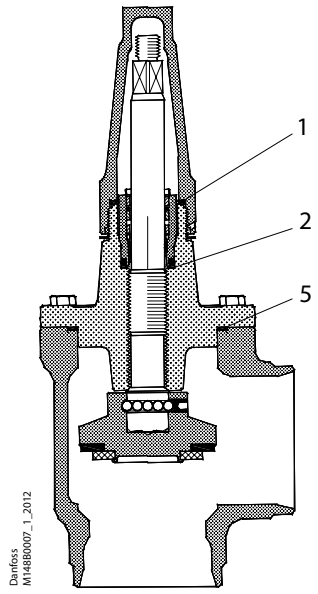


Inspection kit | Code number 148B6056
SVA-S/L, SVA-ST/LT, SVA-HS, SCA/X, FIA, CHV/X size 100

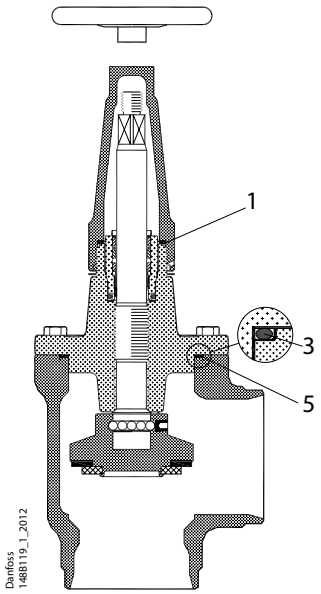
1 = Nylon  Total no. = 1	**2** = Alu.  Total no. = 1	**3**  Total no. = 1	**5** = Fibre  Total no. = 1	**6**  Total no. = 1
9 = Alu.  Total no. = 1				

Inspection kit | Code number 148B6057
SVA-S/L, SVA-ST/LT, SVA-HS, SCA/X, FIA, CHV/X size 125

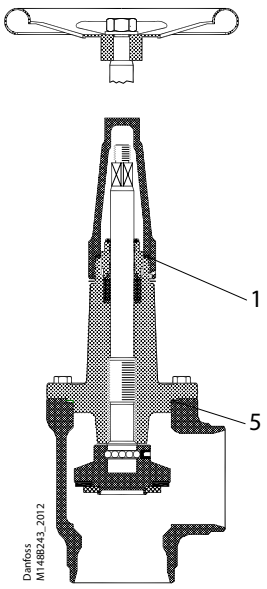
SVA-S/L



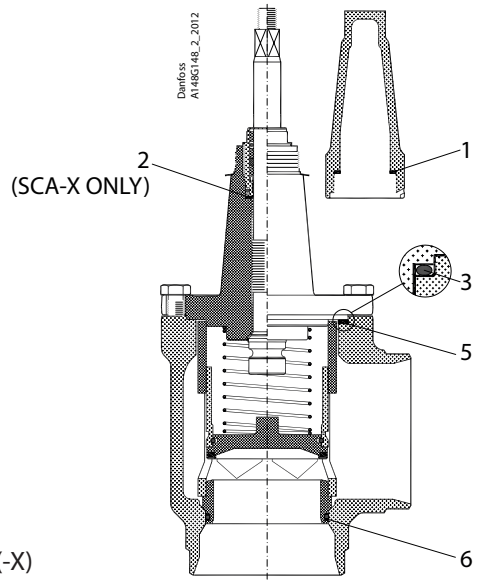
SVA-ST/LT



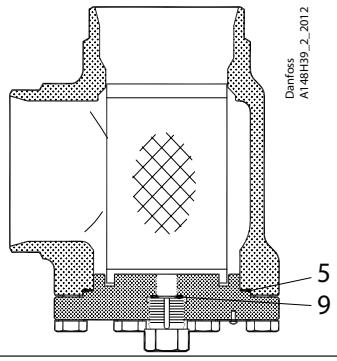
SVA-HS



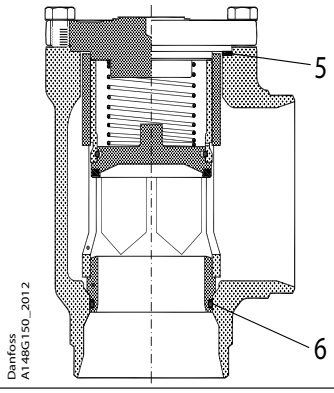
SCA (-X)



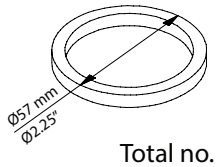
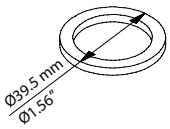
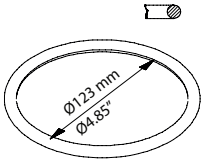
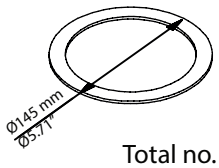
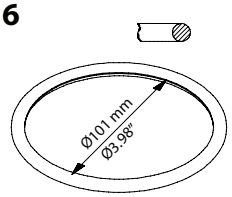
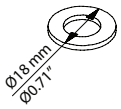
FIA



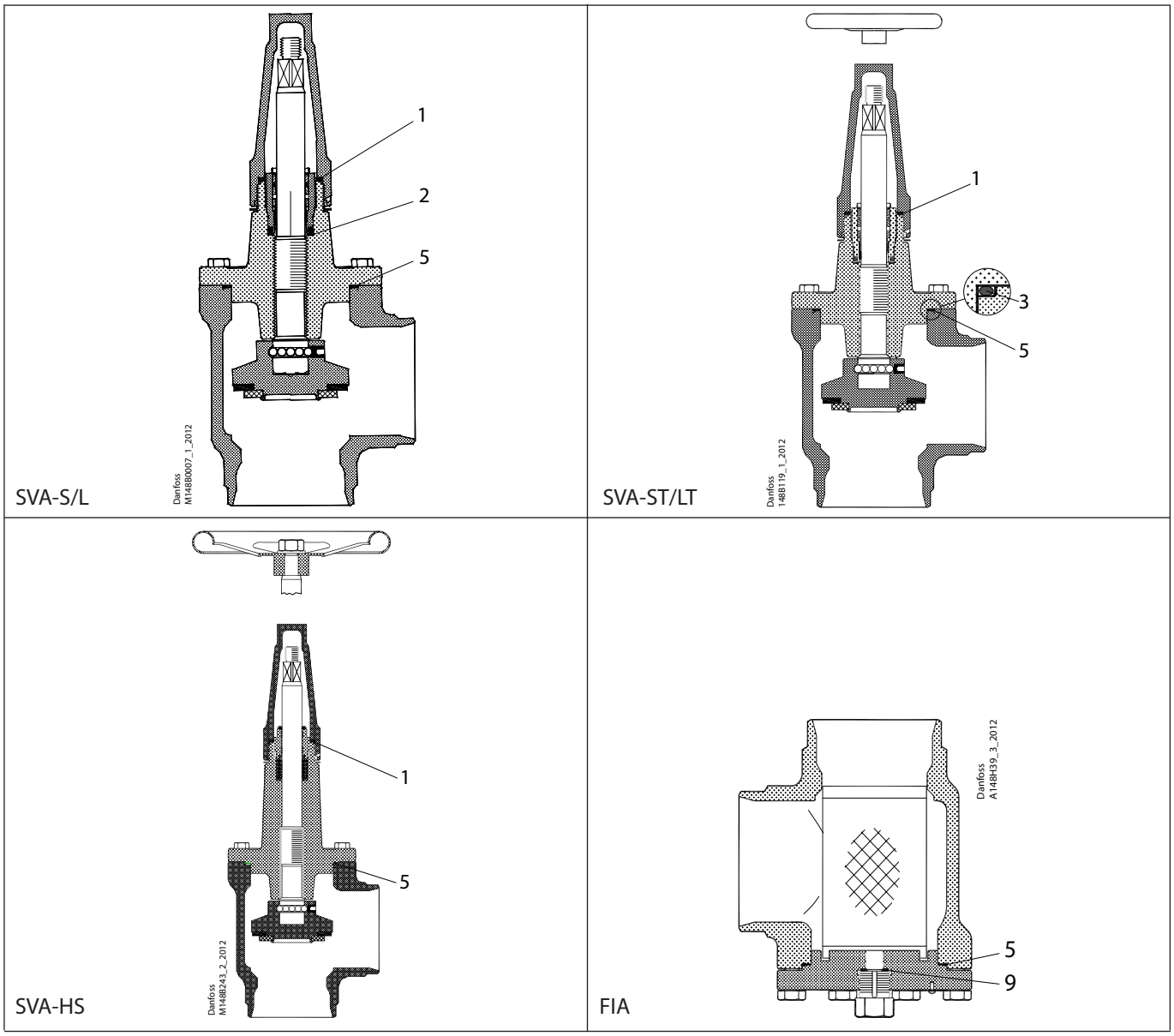
CHV (-X)



Inspection kit | Code number 148B6057
SVA-S/L, SVA-ST/LT, SVA-HS, SCA/X, FIA, CHV/X size 125

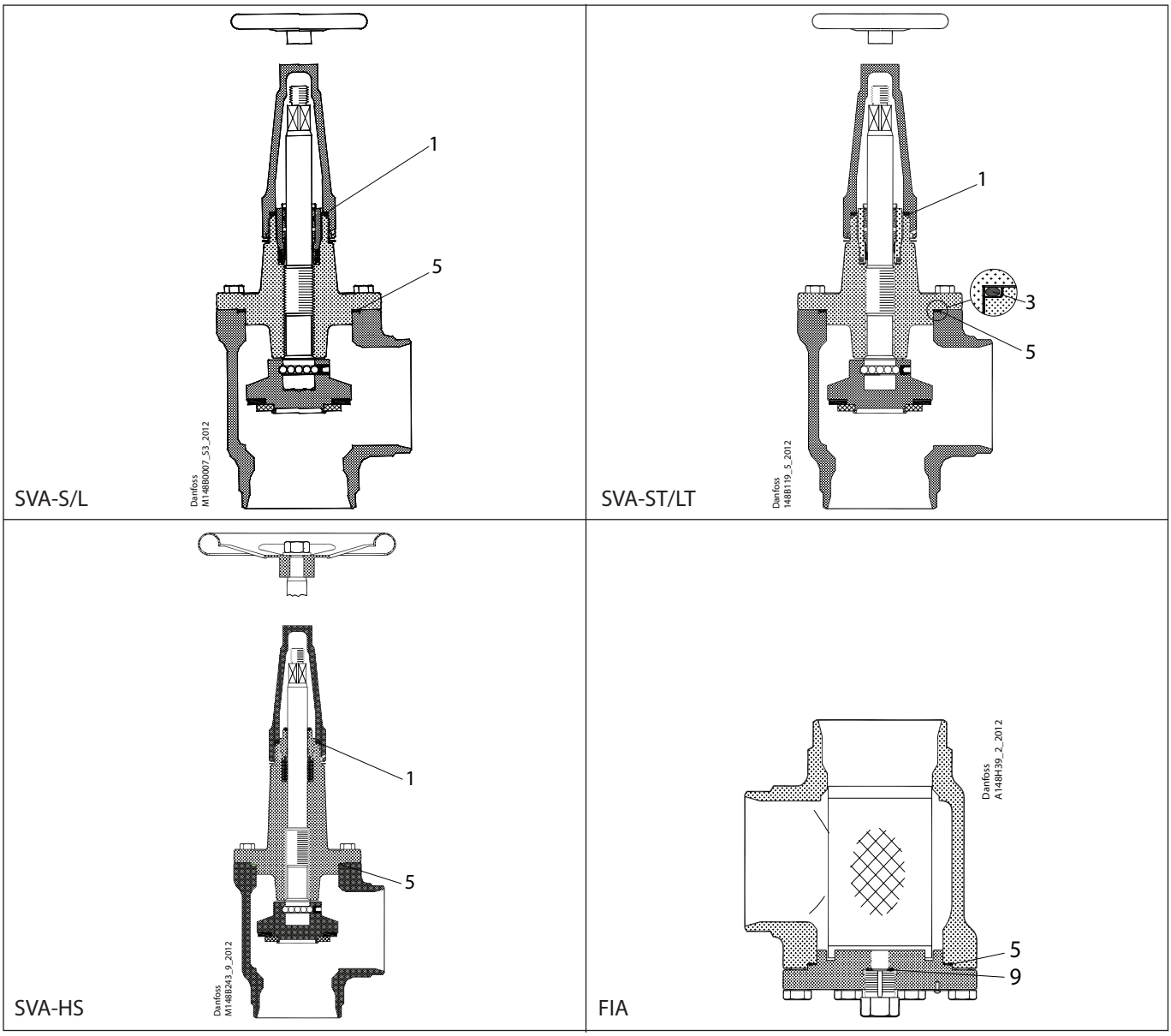
1 = Nylon  Total no. = 1	**2** = Alu.  Total no. = 1	**3**  Total no. = 1	**5** = Fibre  Total no. = 1	**6**  Total no. = 1
9 = Alu.  Total no. = 1				

Inspection kit | Code number 148B6058
SVA-S/L, SVA-ST/LT, SVA-HS, FIA size 150



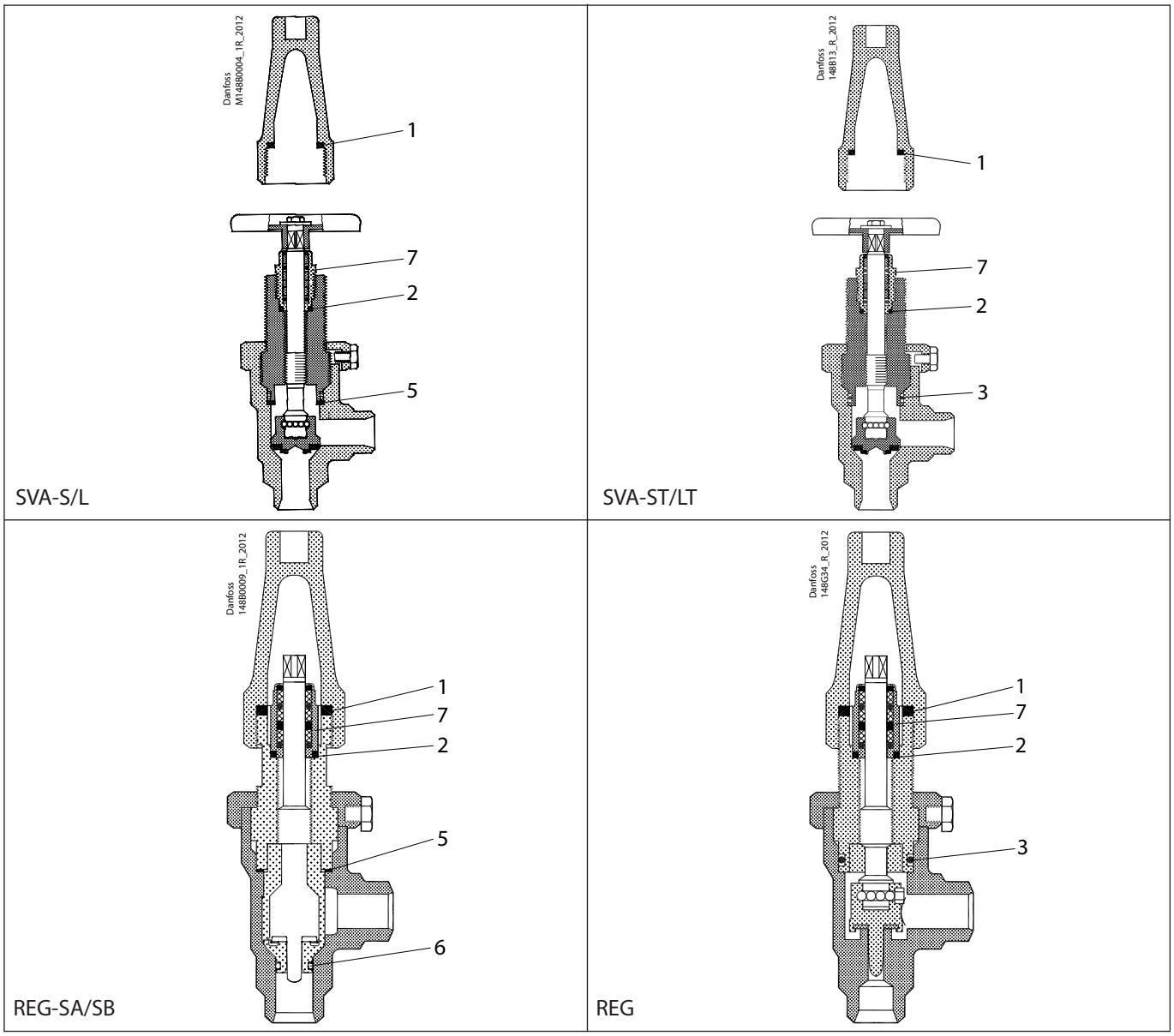
1	2	3	5	9
= Nylon	= Alu.		= Fibre	= Alu.
Ø57 mm Ø2.25"	Ø39.5 mm Ø1.56"	Ø148 mm Ø5.85"	Ø170 mm Ø6.7"	Ø18 mm Ø0.71"
Total no. = 1	Total no. = 1	Total no. = 1	Total no. = 1	Total no. = 1

Inspection kit | Code number 148B6059
SVA-S/L, SVA-ST/LT, SVA-HS, FIA size 200



1	3	5	9	
= Nylon		= Fibre	= Alu.	
Ø66 mm Ø2.61"	Ø190 mm Ø3.23"	Ø216 mm Ø8.5"	Ø18 mm Ø0.71"	
Total no. = 1	Total no. = 1	Total no. = 1	Total no. = 1	

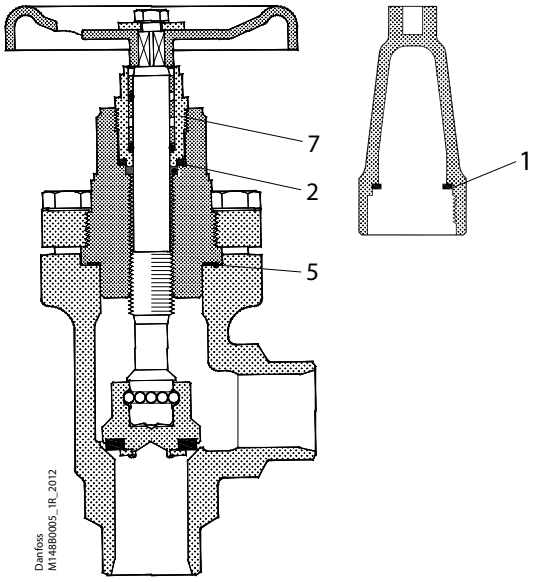
Repair kit | Code number 148B6060
SVA-S/L, SVA-ST/LT sizes 6 to 10, REG-SA/SB, REG size 10



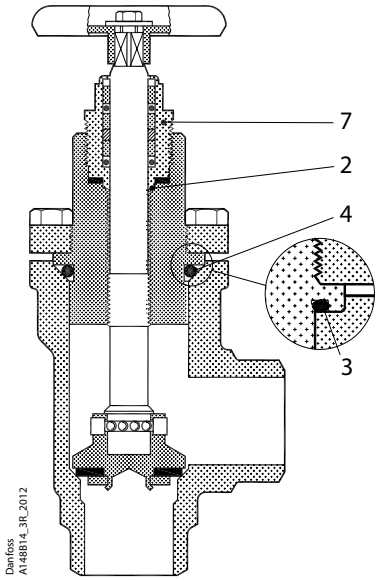
1 = Nylon Ø21 mm Ø0.87" Total no. = 1	**2** = Alu. Ø14 mm Ø0.53" Total no. = 1	**3** Ø17 mm Ø0.67" Total no. = 1	**5** = Alu. Ø22 mm Ø0.87" Total no. = 1	**6** Ø8 mm Ø0.44" Total no. = 1
7 LT Ø14 mm Ø0.55" Total no. = 1				

NOTE: When replacing the packing gland (pos. 7) in SVA-ST, SVA-S/L, SVA-HS or REG the aluminium gasket (pos. 2) is needed.

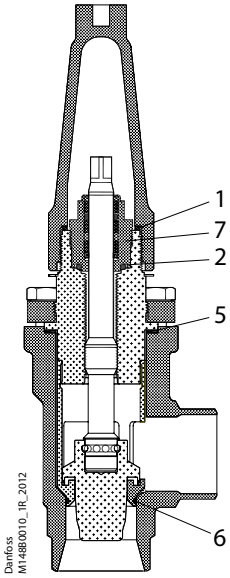
Repair kit | Code number 148B6061
SVA-S/L, SVA-ST/LT, REG-SA/SB, REG, SVA-HS, SCA/X sizes 15 - 20



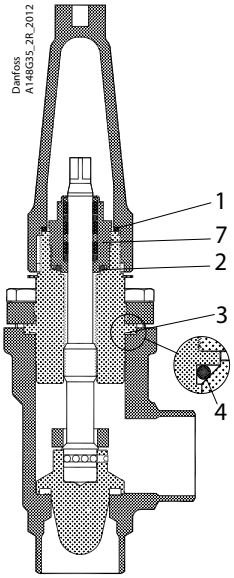
SVA-S/L



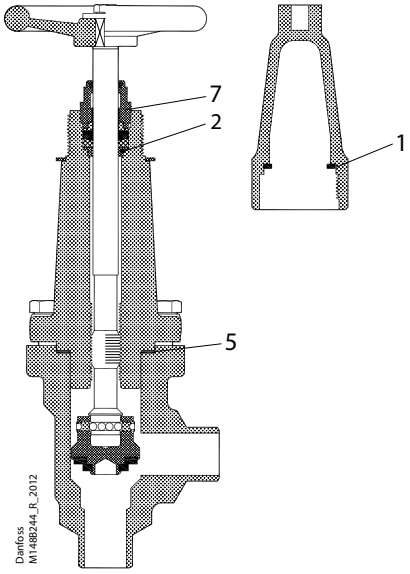
SVA-ST/LT



REG-SA/SB

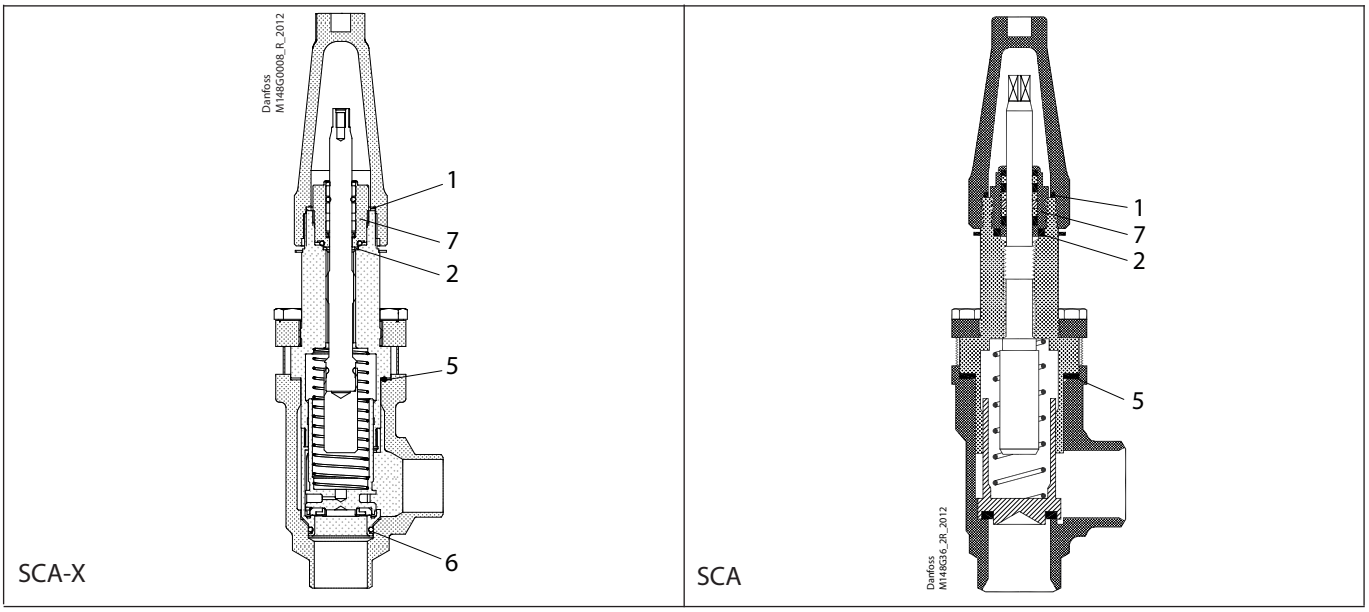


REG



SVA-HS

Repair kit | Code number 148B6061
SVA-S/L, SVA-ST/LT, REG-SA/SB, REG, SVA-HS, SCA/X sizes 15 - 20

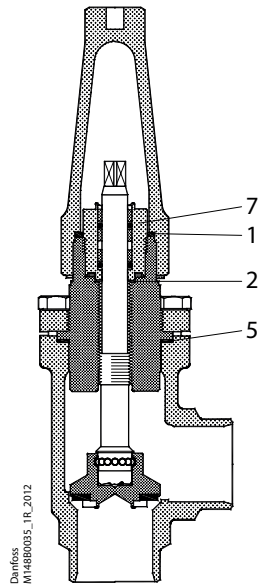


1 = Nylon Ø28 mm Ø1.1" Total no. = 1	**2** = Alu. Ø18 mm Ø0.69" Total no. = 1	**3** Ø27 mm Ø1.06" Total no. = 1	**4** Ø23 mm Ø0.91" Total no. = 1	**5** = Fibre Ø39 mm Ø1.55" Total no. = 1
6 Ø17 mm Ø0.67" Total no. = 1	**7** LT Ø18 mm Ø0.71" Total no. = 1			

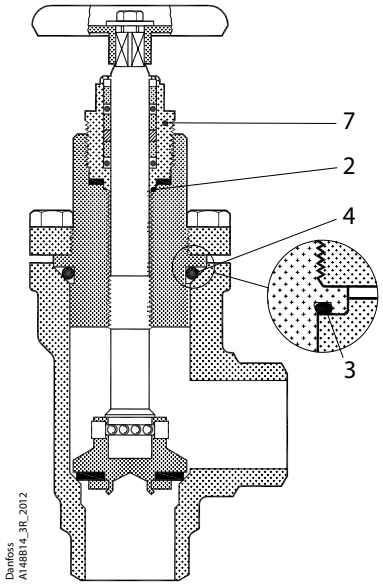
NOTE:
When replacing the packing gland (pos. 7) in SVA-ST, SVA-S/L, SVA-HS, REG-SA/SB, REG, SCA or SCA-X the aluminium gasket (pos. 2) is needed.

Repair kit | Code number 148B6062
SVA-S/L, SVA-ST/LT, REG-SA/SB, REG, SVA-HS, SCA/X sizes 25-40

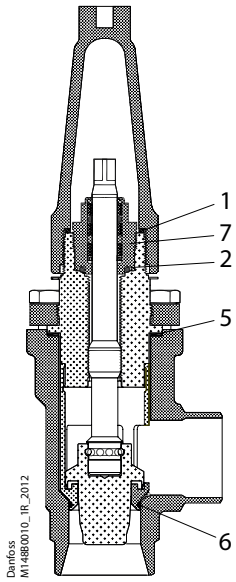
SVA-S/L



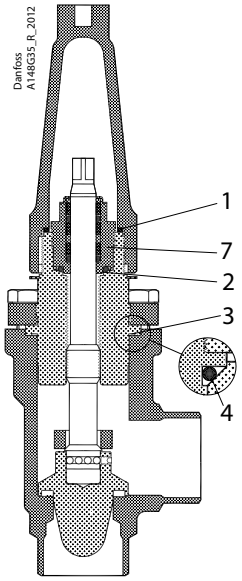
SVA-ST/LT



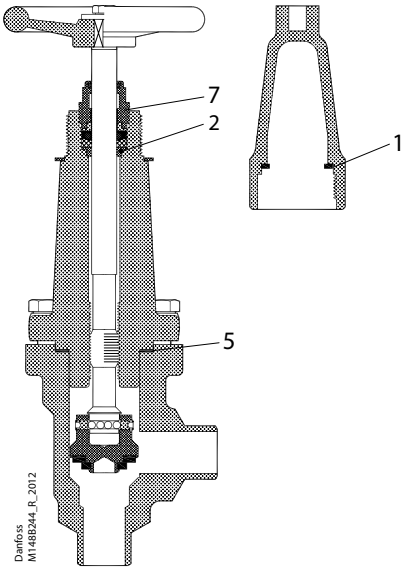
REG-SA/SB



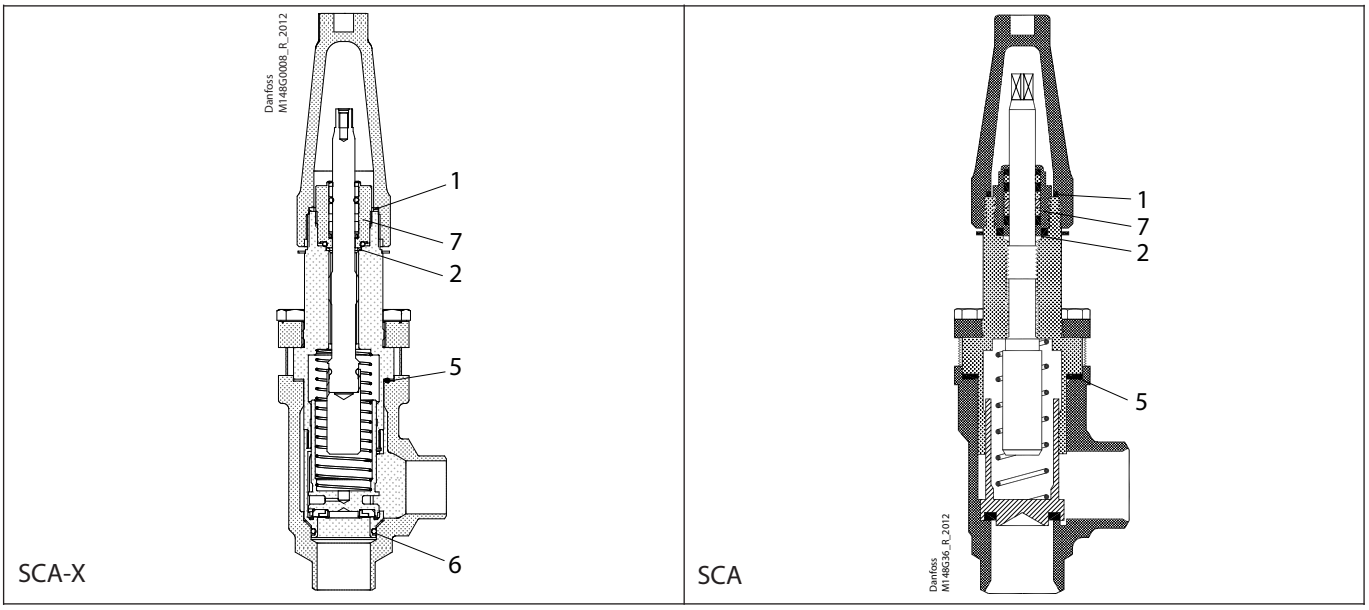
REG



SVA-HS



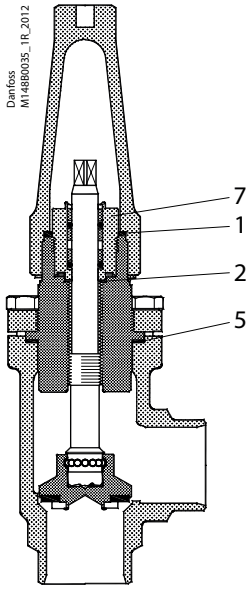
Repair kit | Code number 148B6062
SVA-S/L, SVA-ST/LT, REG-SA/SB, REG, SVA-HS, SCA/X sizes 25-40



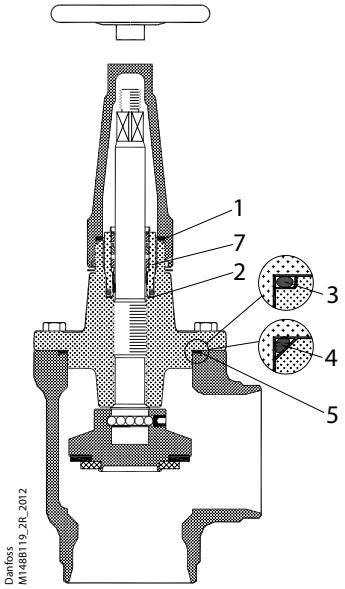
1 = Nylon Ø37 mm Ø1.46" Total no. = 1	**2** = Alu. Ø19 mm Ø0.73" Total no. = 1	**3** Ø31 mm Ø1.22" Total no. = 1	**4** Ø37 mm Ø1.46" Total no. = 1	**5** = Fibre Ø54 mm Ø2.13" Total no. = 1
6 Ø30 mm Ø1.17" Total no. = 1	**7** Ø28 mm Ø1.1" Total no. = 1	**8*** Ø41 mm Ø1.57" Total no. = 1		

NOTE:
When replacing the packing gland (pos. 7) in SVA-ST, SVA-S/L, SVA-HS, REG, REG-SA/SB, SCA or SCA-X the aluminium gasket (pos. 2) is needed.

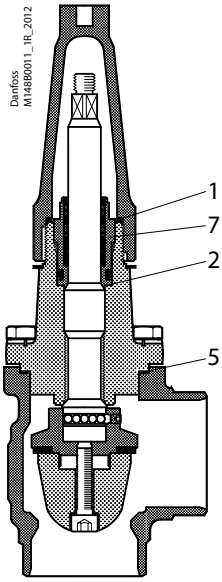
Repair kit | Code number 148B6063
SVA-S/L, SVA-ST/LT, REG-SA/SB, REG, SVA-HS, SCA/X size 50



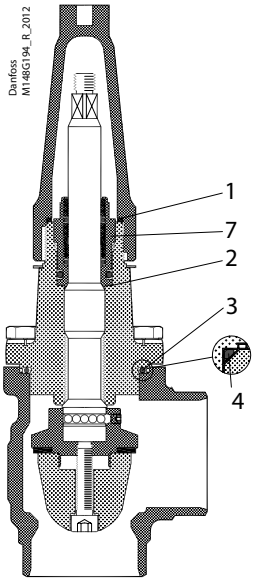
SVA-S/L



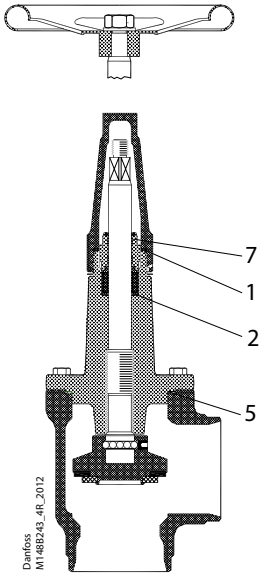
SVA-ST/LT



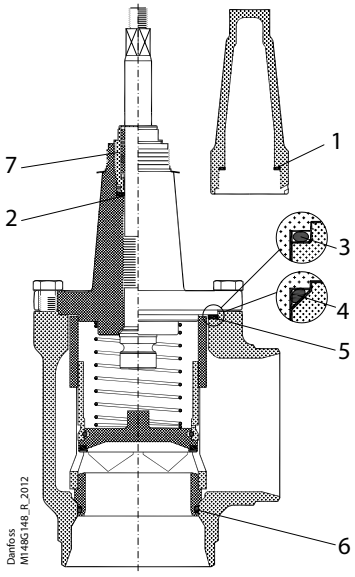
REG-SA/SB



REG

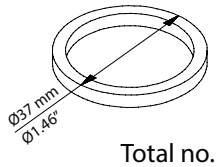
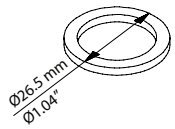
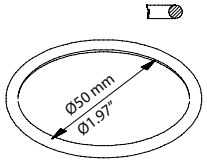
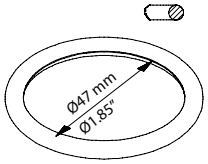
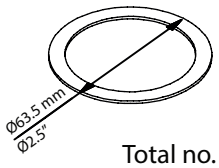
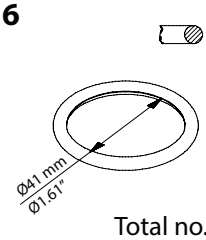
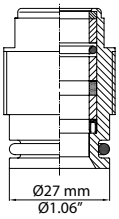


SVA-HS



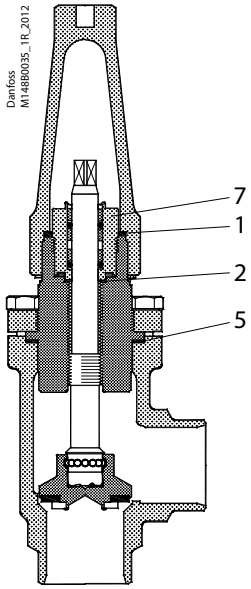
SCA (-X)

Repair kit | Code number 148B6063
SVA-S/L, SVA-ST/LT, REG-SA/SB, REG, SVA-HS, SCA/X size 50

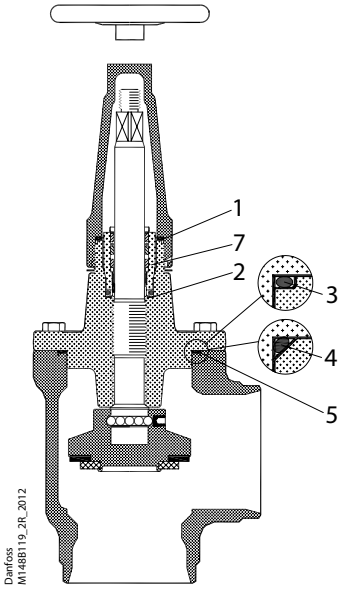
1 = Nylon  Total no. = 1	**2** = Alu.  Total no. = 1	**3**  Total no. = 1	**4**  Total no. = 1	**5** = Fibre  Total no. = 1
6  Total no. = 1	**7**  Total no. = 1			

NOTE:
When replacing the packing gland (pos. 7) in SVA-ST, SVA-S/L, SVA-HS, REG-SA/B, REG, SCA-X and SCA the aluminium gasket (pos. 2) is needed.

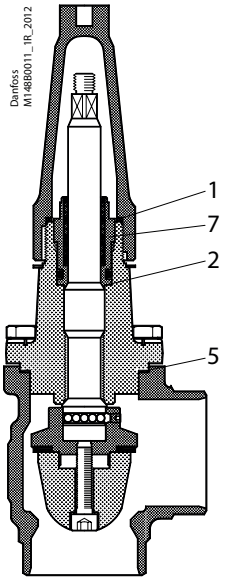
Repair kit | Code number 148B6064
SVA-S/L, SVA-ST/LT, REG-SA/SB, REG, SVA-HS, SCA/X, size 65



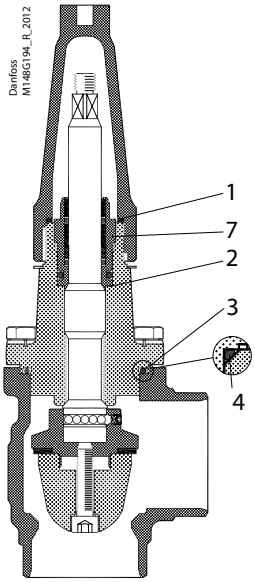
SVA-S/L



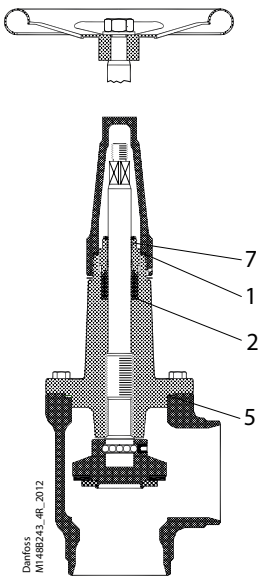
SVA-ST/LT



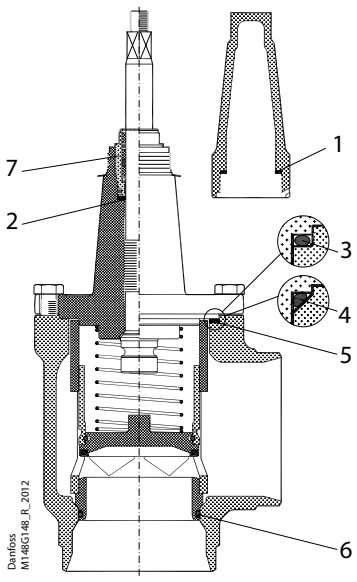
REG-SA/SB



REG

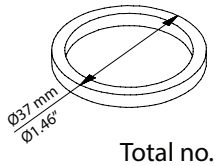
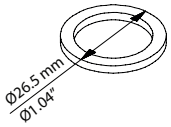
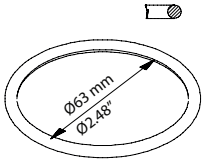
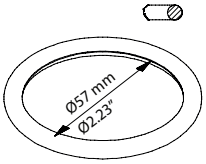
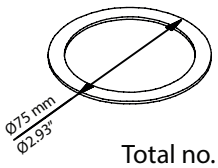
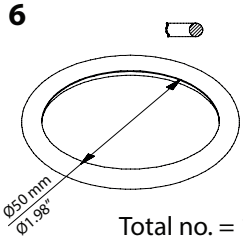
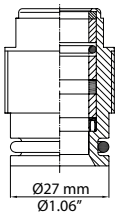


SVA-HS



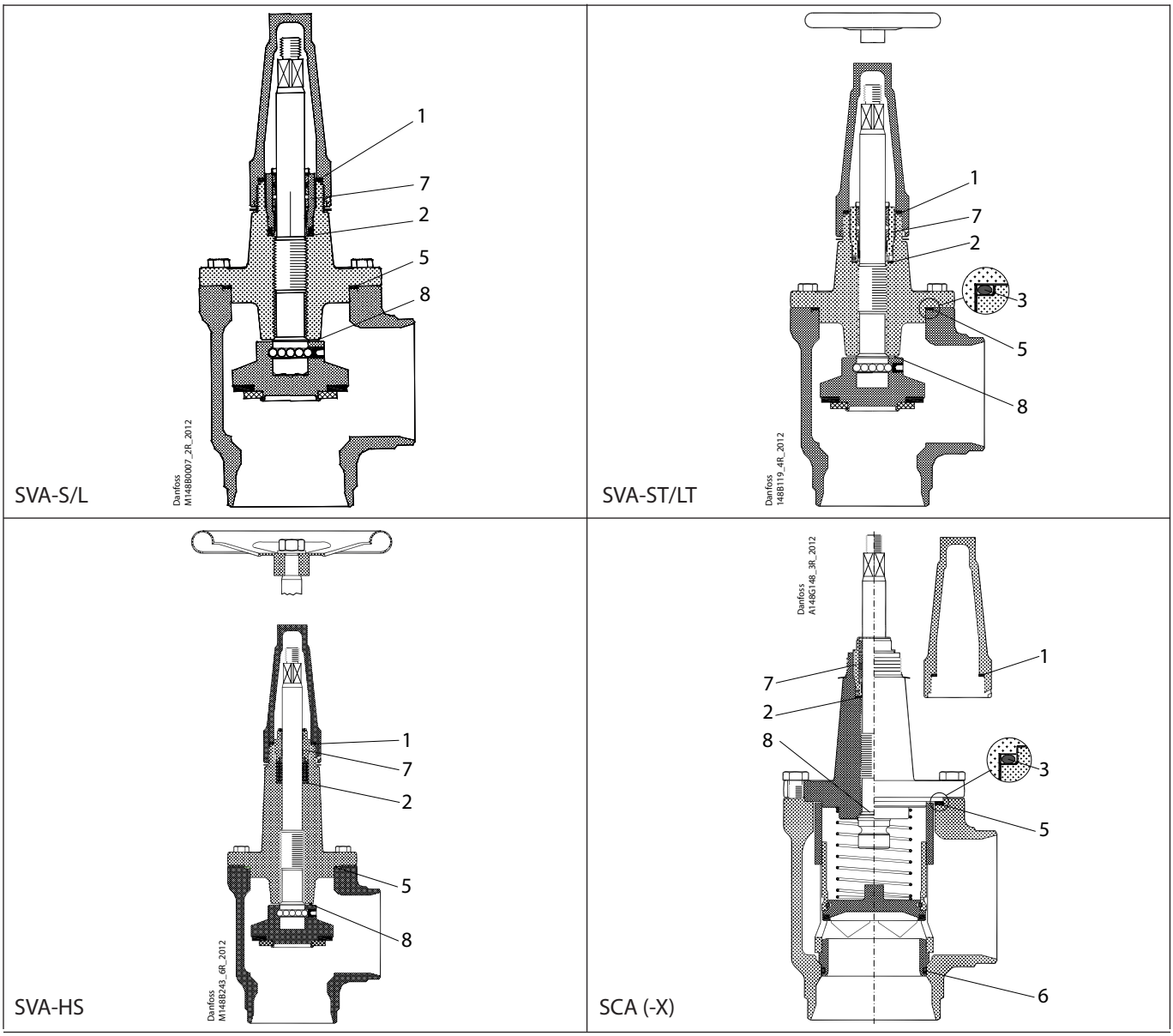
SCA (-X)

Repair kit | Code number 148B6064
SVA-S/L, SVA-ST/LT, REG-SA/SB, REG, SVA-HS, SCA/X, size 65

1 = Nylon  Total no. = 1	**2** = Alu.  Total no. = 1	**3**  Total no. = 1	**4**  Total no. = 1	**5** = Fibre  Total no. = 1
6  Total no. = 1	**7**  Total no. = 1			

NOTE:
When replacing the packing gland (pos. 7) in SVA-ST, SVA-S/L, SVA-HS, REG-SA/B, REG, SCA-X and SCA the aluminium gasket (pos. 2) is needed.

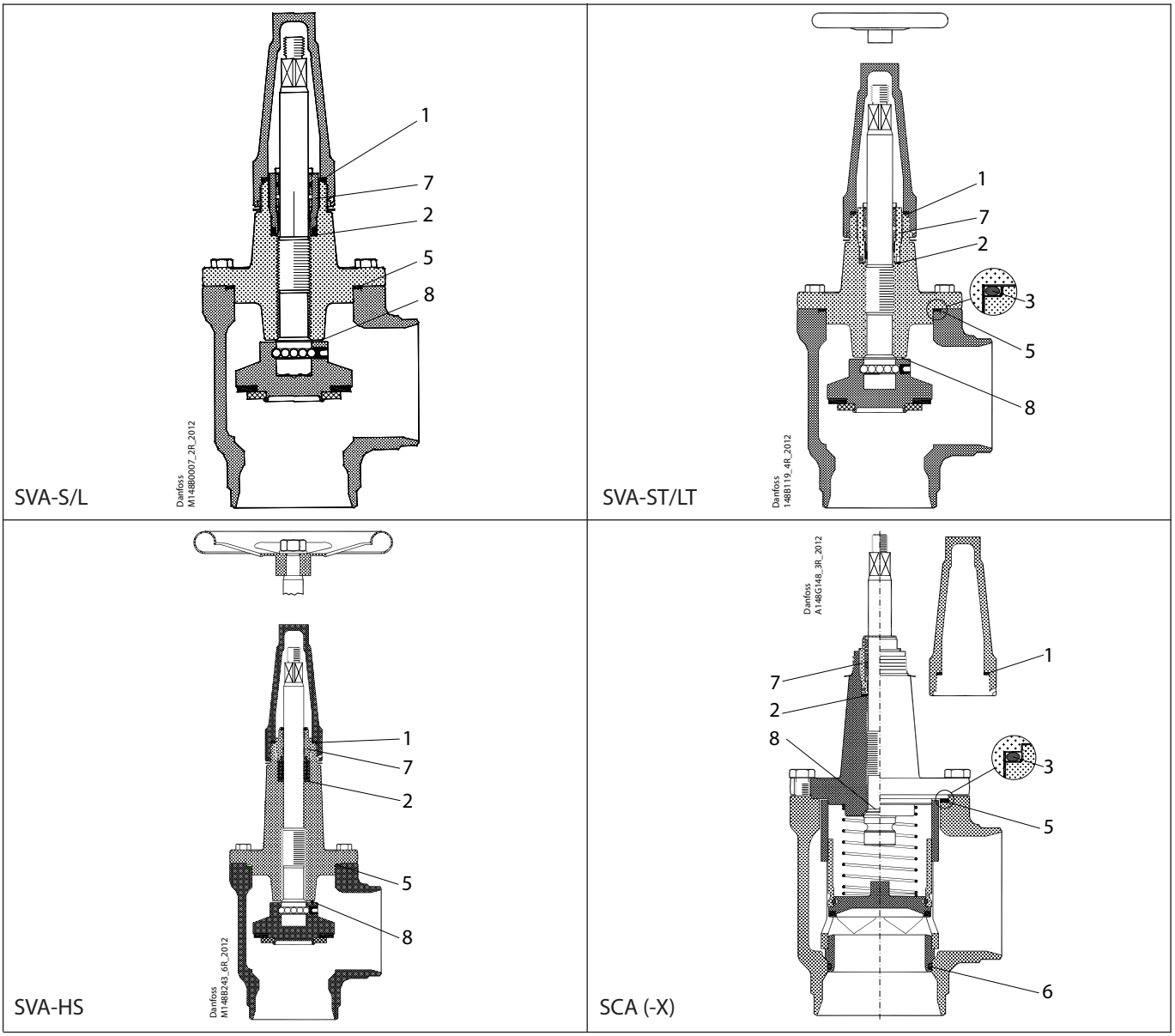
Repair kit | Code number 148B6065
SVA-S/L, SVA-ST/LT, SVA-HS, SCA/X size 80



1 = Nylon Ø45 mm Ø1.88" Total no. = 1	**2** = Alu. Ø31.5 mm Ø1.24" Total no. = 1	**3** Ø82 mm Ø3.23" Total no. = 1	**5** = Fibre Ø96 mm Ø3.78" Total no. = 1	**6** Ø63 mm Ø2.48" Total no. = 1
7 Ø32 mm Ø1.26" Total no. = 1	**8** = PTFE Ø30 mm Ø1.18" Total no. = 1			

NOTE: When replacing the packing gland (pos. 7) in SVA-ST, SVA-S/L, SVA-HS, SCA-X and SCA the aluminium gasket (pos. 2) is needed.

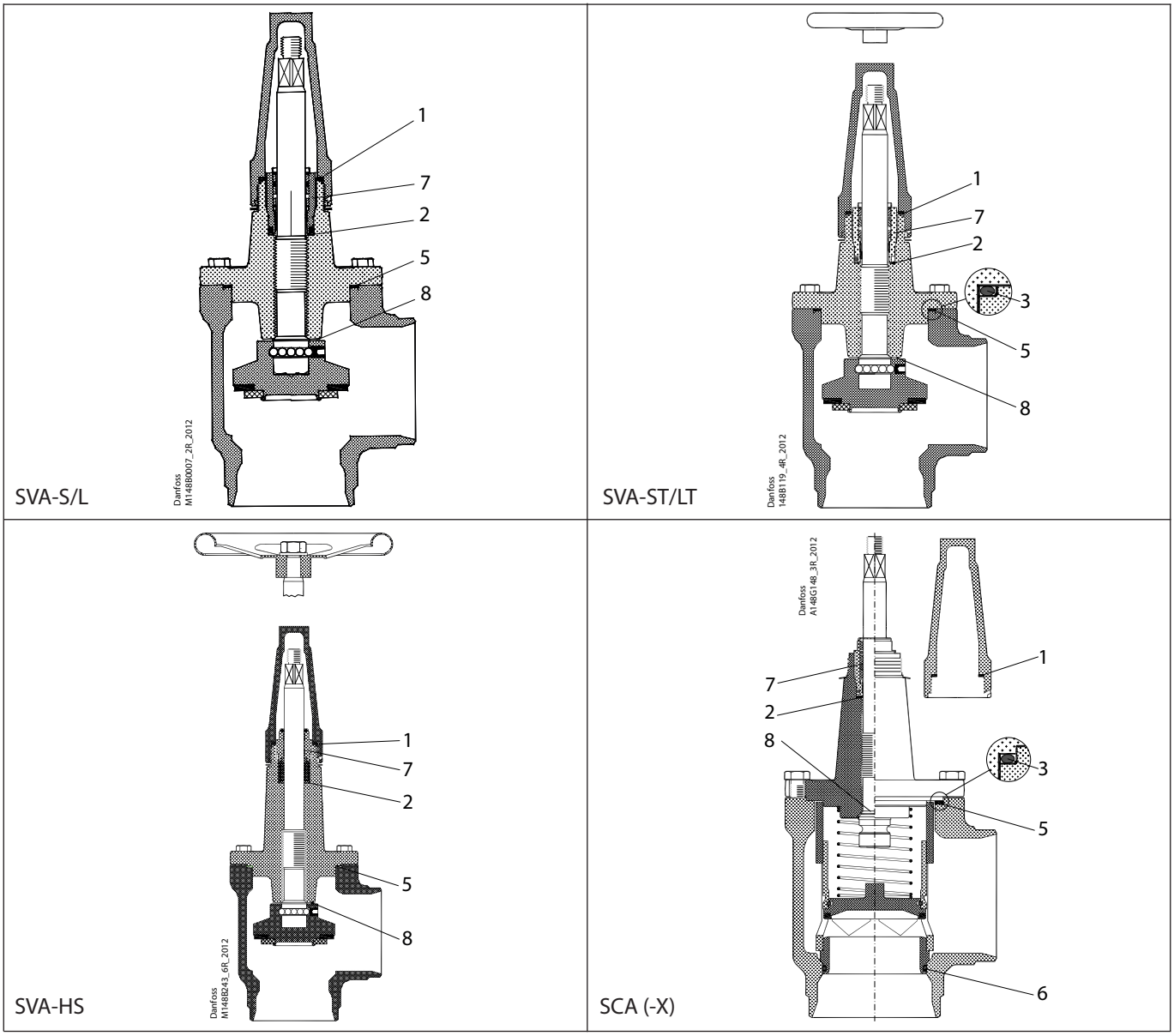
Repair kit | Code number 148B6066
SVA-S/L, SVA-ST/LT, SVA-HS, SCA/X size 100



1 = Nylon Ø45 mm / Ø1.88" Total no. = 1	**2** = Alu. Ø31.5 mm / Ø1.24" Total no. = 1	**3** Ø101 mm / Ø3.98" Total no. = 1	**5** = Fibre Ø119 mm / Ø4.69" Total no. = 1	**6** Ø82 mm / Ø3.23" Total no. = 1
7 Ø32 mm / Ø1.26" Total no. = 1	**8** = PTFE Ø30 mm / Ø1.18" Total no. = 1			

NOTE: When replacing the packing gland (pos. 7) in SVA-ST, SVA-S/L, SVA-HS, SCA-X and SCA the aluminium gasket (pos. 2) is needed.

Repair kit | Code number 148B6067
SVA-S/L, SVA-ST/LT, SVA-HS, SCA/X size 125

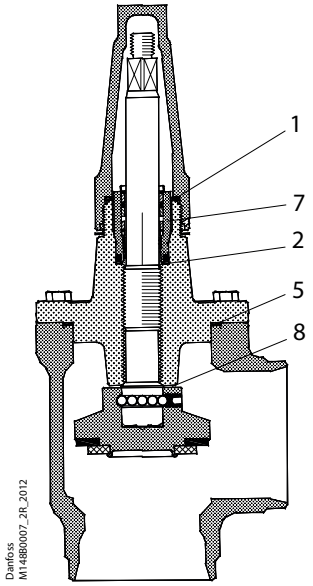


1 = Nylon Ø57 mm Ø2.25″ Total no. = 1	**2** = Alu. Ø39.5 mm Ø1.56″ Total no. = 1	**3** Ø123 mm Ø4.85″ Total no. = 1	**5** = Fibre Ø145 mm Ø5.71″ Total no. = 1	**6** Ø101 mm Ø3.98″ Total no. = 1
7 Ø40 mm Ø1.57″ Total no. = 1	**8** = PTFE Ø40 mm Ø1.57″ Total no. = 1			

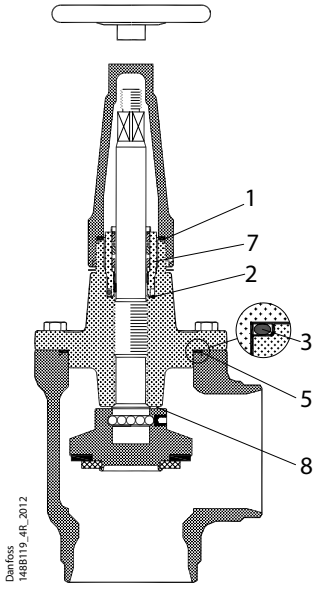
NOTE: When replacing the packing gland (pos. 7) in SVA-ST, SVA-S/L, SVA-HS, SCA-X and SCA the aluminium gasket (pos. 2) is needed.

Repair kit | Code number 148B6068
SVA-S/L, SVA-ST/LT, SVA-HS size 150

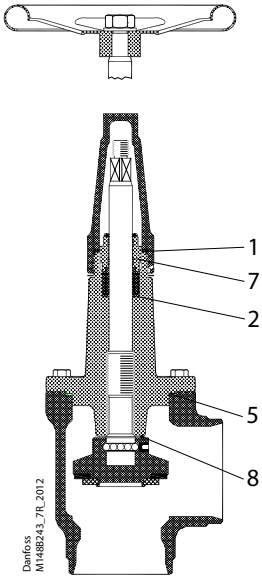
SVA-S/L

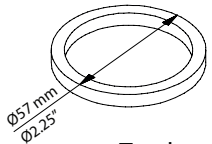
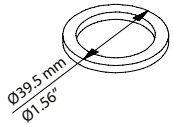
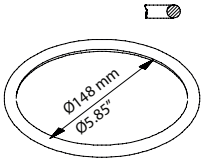
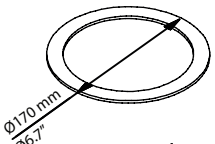
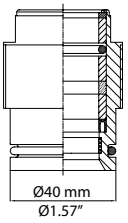
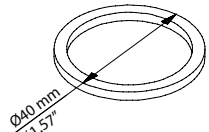


SVA-ST/LT



SVA-HS

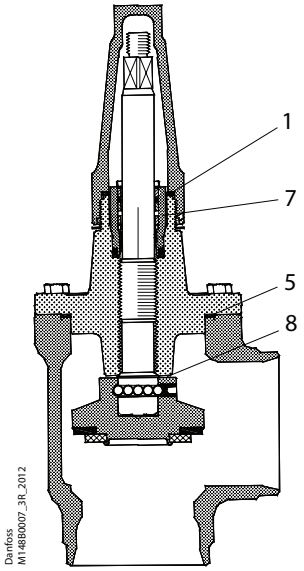


1 = Nylon  Total no. = 1	**2** = Alu.  Total no. = 1	**3**  Total no. = 1	**5** = Fibre  Total no. = 1	**7**  Total no. = 1
8 = PTFE  Total no. = 1				

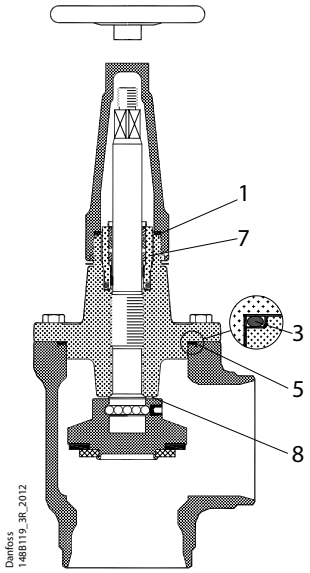
NOTE: When replacing the packing gland (pos. 7) in SVA-ST, SVA-S/L or SVA-HS the aluminium gasket (pos. 2) is needed.

Repair kit | Code number 148B6473
Shut-off valves, SVA-S/L, SVA-ST/LT, SVA-HS size 200

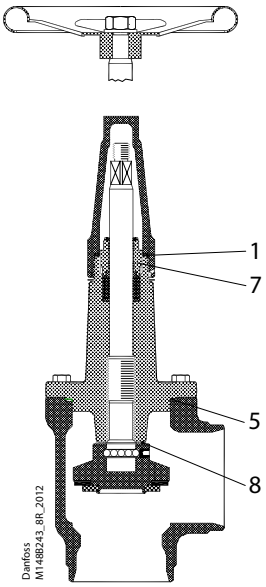
SVA-S/L



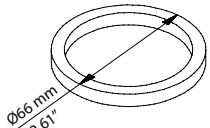
SVA-ST/LT



SVA-HS

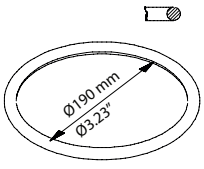


1 = Nylon



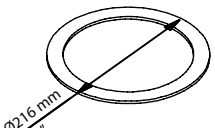
Total no. = 1

3



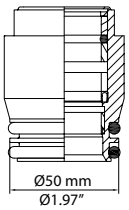
Total no. = 1

5 = Fibre



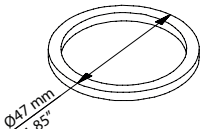
Total no. = 1

7



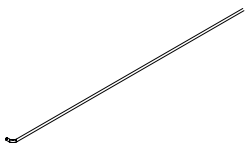
Total no. = 1

8 = PTFE



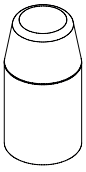
Total no. = 1

9



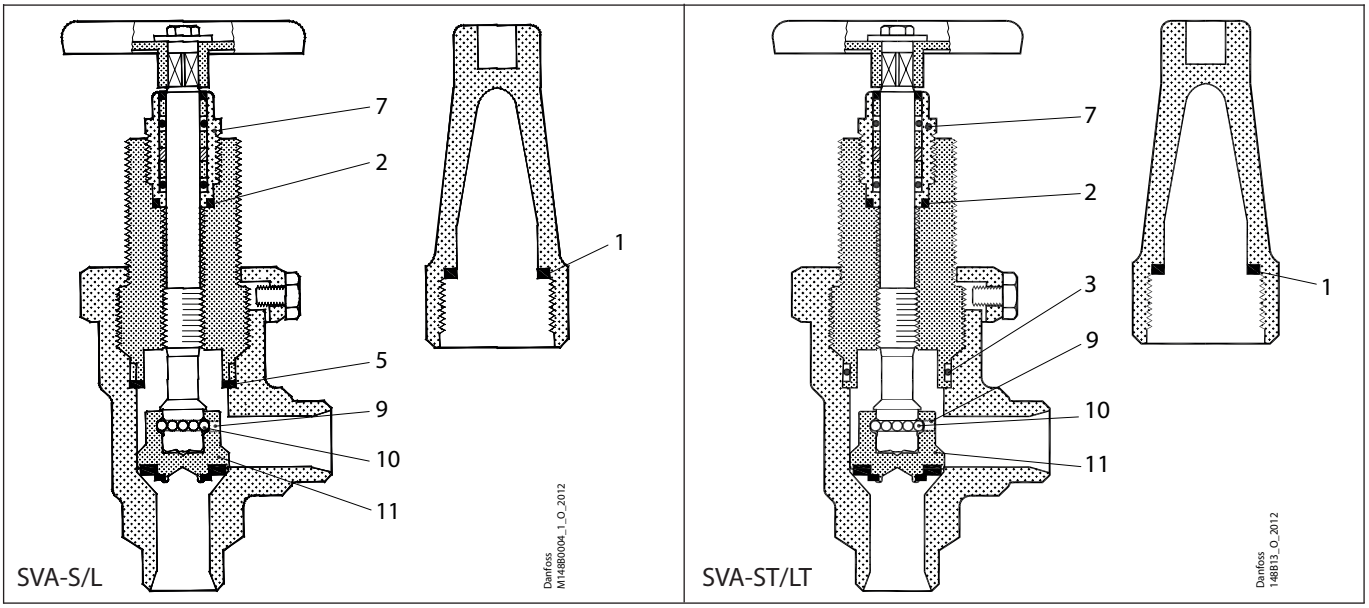
Total no. = 1

10



Total no. = 1

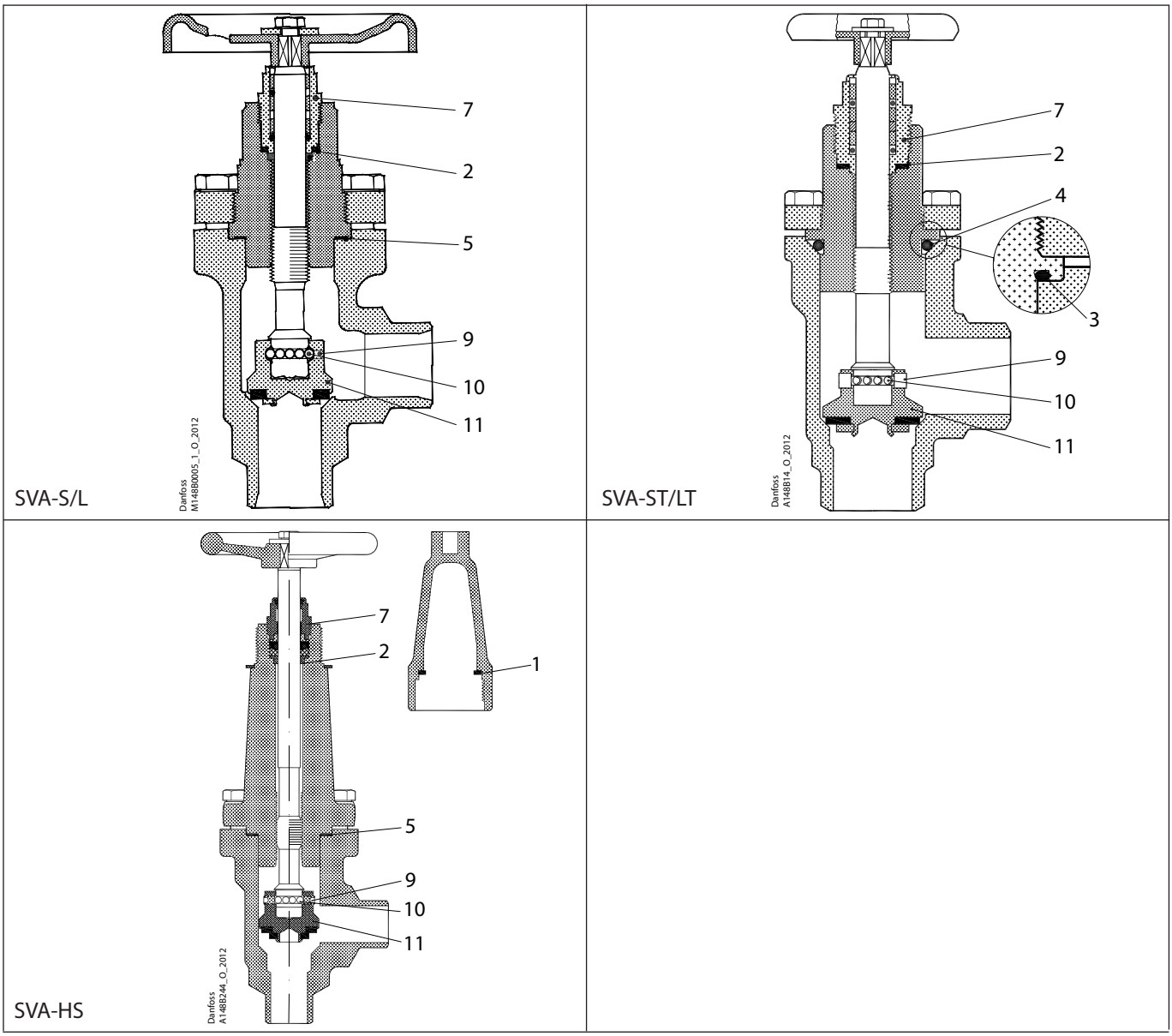
Overhaul kit | Code number 148B6150
SVA-S/L, SVA-ST/LT Sizes 6 to 10



1 = Nylon Ø21 mm / Ø0.87" Total no. = 1	**2** = Alu. Ø14 mm / Ø0.53" Total no. = 1	**3** Ø17 mm / Ø0.67" Total no. = 1	**5** = Alu. Ø22 mm / Ø0.87" Total no. = 1	**7** LT Ø14 mm / Ø0.55" Total no. = 1
9 M4 Total no. = 1	**10** Ø3 mm / Ø0.118" Total no. = 6	**11** Ø15.5 mm / Ø0.61" Total no. = 1	**12** Total no. = 1	

NOTE:
When replacing the packing gland (pos. 7) in SVA-S/L or SVA-ST/LT the aluminium gasket (pos. 2) is needed.

Overhaul kit | Code number 148B6151
SVA-S/L, SVA-ST/LT, SVA-HS sizes 15-20

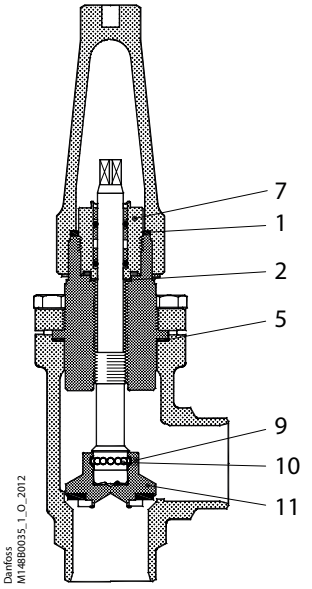


1 = Nylon Ø28 mm Ø1.1" Total no. = 1	**2** = Alu. Ø18 mm Ø0.69" Total no. = 1	**3** Ø27 mm Ø1.06" Total no. = 1	**4** Ø23 mm Ø0.91" Total no. = 1	**5** = Fibre Ø39 mm Ø1.55" Total no. = 1
7 LT Ø18 mm Ø0.71" Total no. = 1	**9** M4 Total no. = 1	**10** Ø3 mm Ø0.118" Total no. = 10	**11** Ø25 mm Ø0.98" Total no. = 1	**12** Total no. = 1

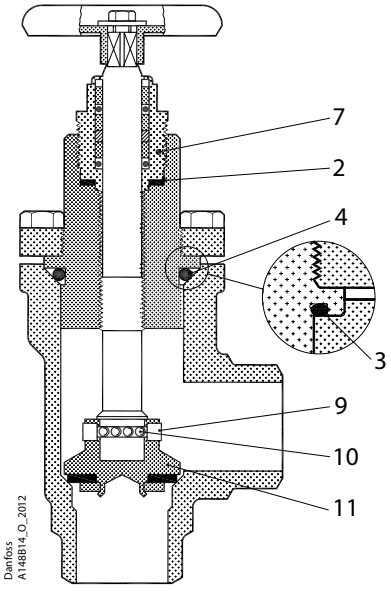
NOTE: When replacing the packing gland (pos. 7) in SVA-S/L, SVA-ST/LT or SVA-HS the aluminium gasket (pos. 2) is needed.

Overhaul kit | Code number 148B6152
SVA-S/L, SVA-ST/LT, SVA-HS, sizes 25-40

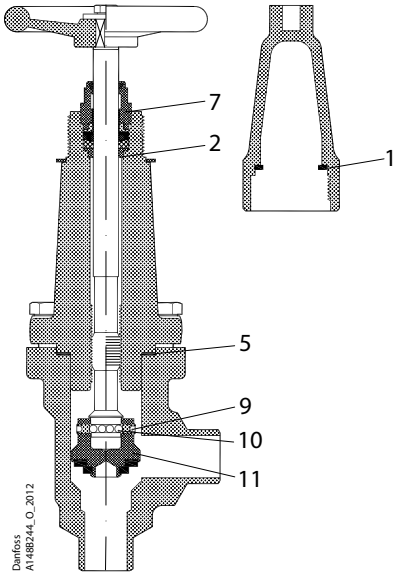
SVA-S/L



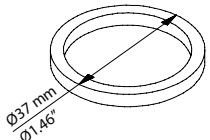
SVA-ST/LT



SVA-HS

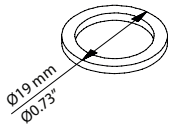


1 = Nylon



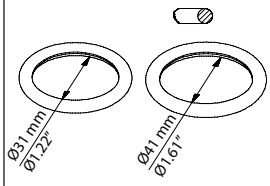
Total no. = 1

2 = Alu.



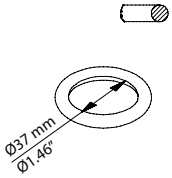
Total no. = 1

3



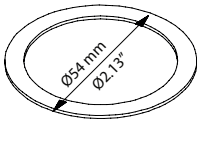
Total no. = 1

4



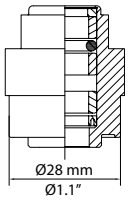
Total no. = 1

5 = Fibre



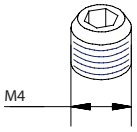
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7



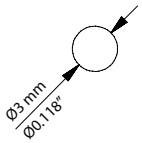
Total no. = 1

9



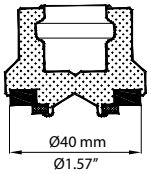
Total no. = 1

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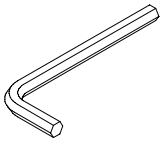
Total no. = 14

11



Total no. = 1

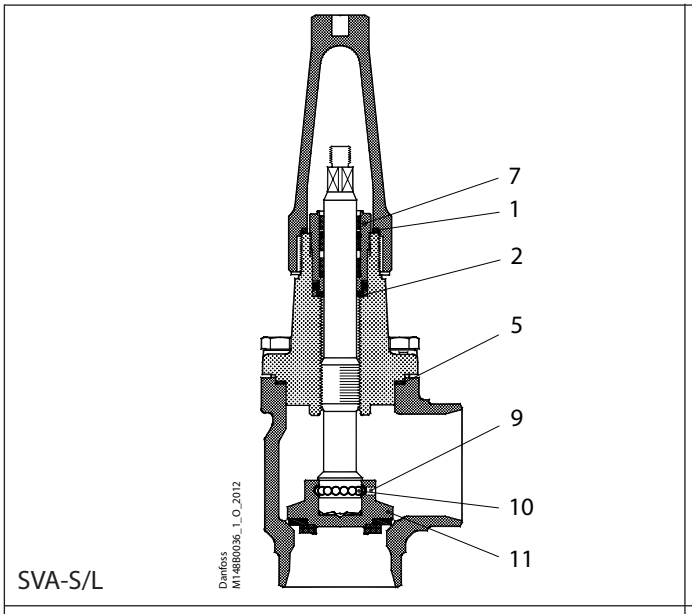
12



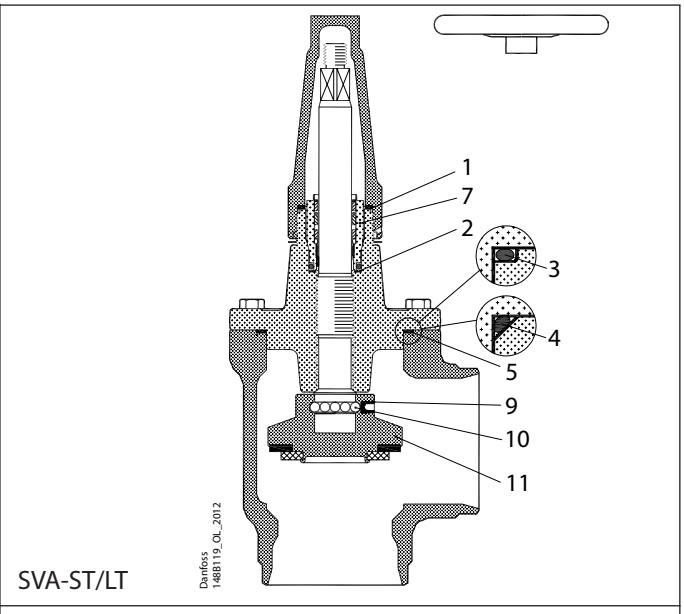
Total no. = 1

NOTE: When replacing the packing gland (pos. 7) in SVA-S/L, SVA-ST/LT or SVA-HS the aluminium gasket (pos. 2) is needed.

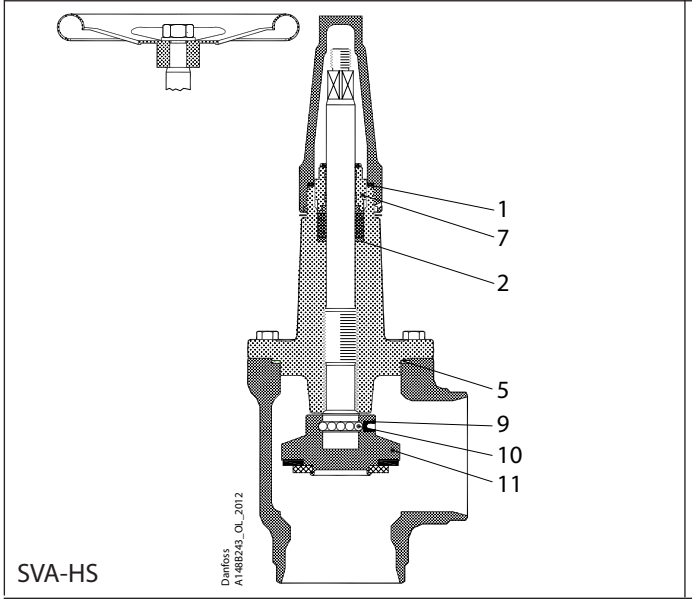
Overhaul kit | Code number 148B6153
SVA-S/L, SVA-ST/LT, SVA-HS, size 50



SVA-S/L

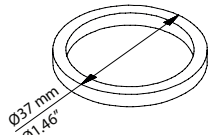


SVA-ST/LT



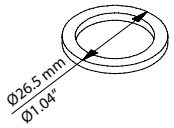
SVA-HS

1 = Nylon



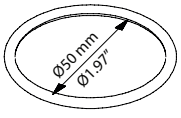
Total no. = 1

2 = Alu.



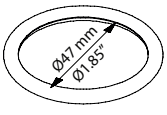
Total no. = 1

3



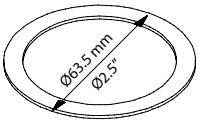
Total no. = 1

4



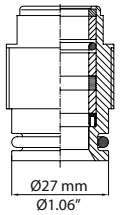
Total no. = 1

5 = Fibre



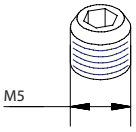
Total no. = 1

7



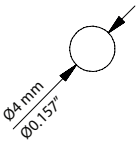
Total no. = 1

9



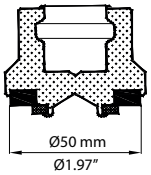
Total no. = 1

10



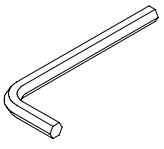
Total no. = 14

11



Total no. = 1

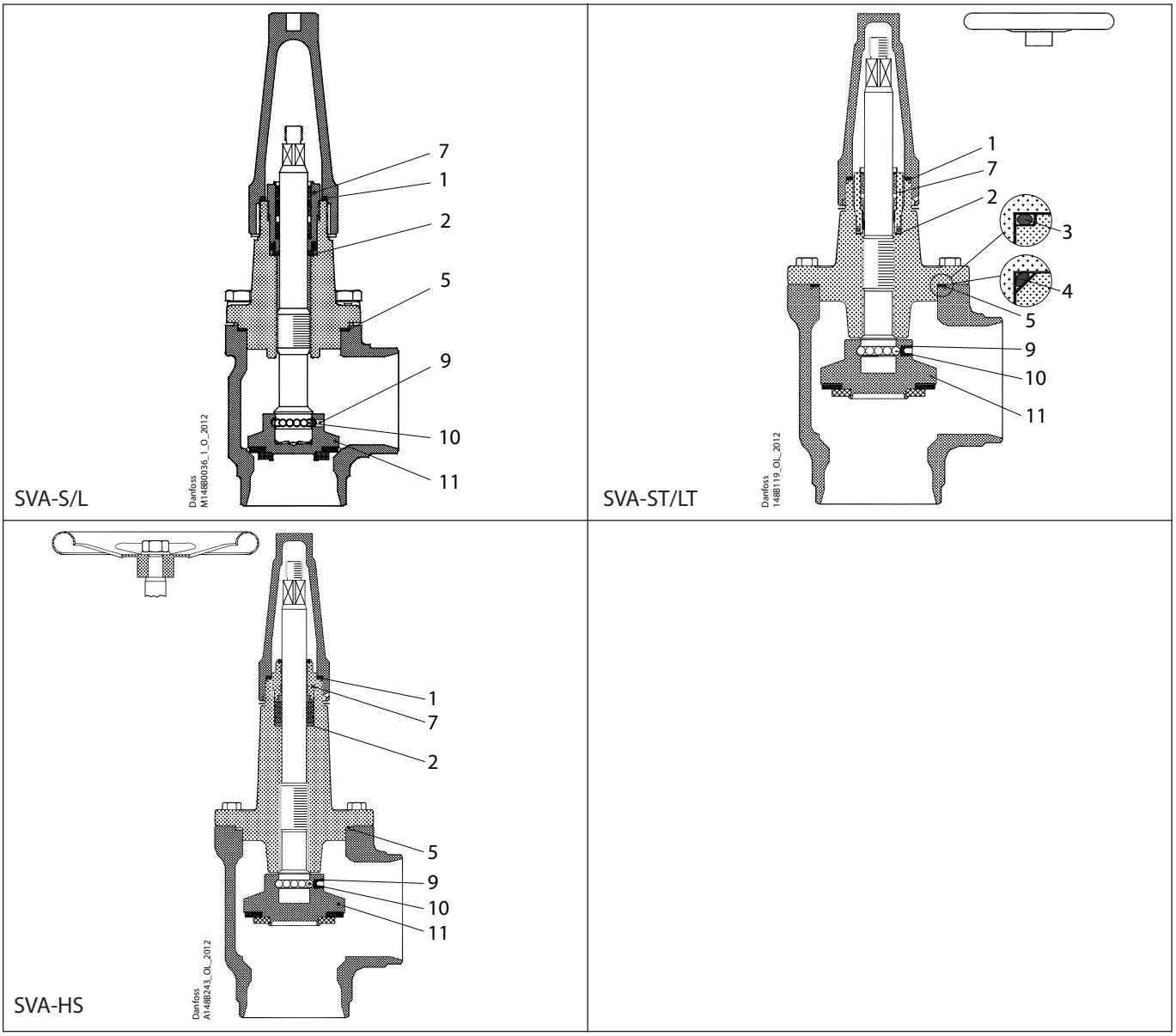
12



Total no. = 1

NOTE: When replacing the packing gland (pos. 7) in SVA-S/L, SVA-ST/LT or SVA-HS the aluminium gasket (pos. 2) is needed.

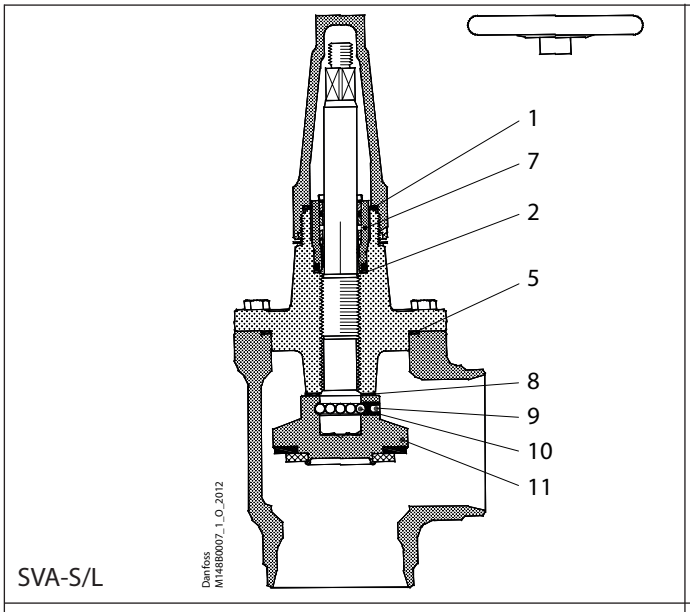
Overhaul kit | Code number 148B6154
SVA-S/L, SVA-ST/LT, SVA-HS, size 65



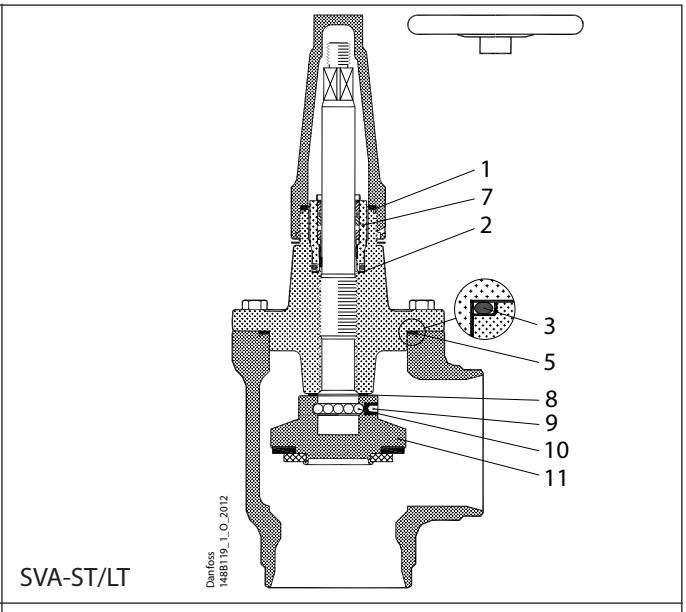
1 = Nylon Ø37 mm Ø1.46" Total no. = 1	**2** = Alu. Ø26.5 mm Ø1.04" Total no. = 1	**3** Ø63 mm Ø2.48" Total no. = 1	**4** Ø57 mm Ø2.23" Total no. = 1	**5** = Fibre Ø75 mm Ø2.93" Total no. = 1
7 Ø27 mm Ø1.06" Total no. = 1	**9** M5 Total no. = 1	**10** Ø4 mm Ø0.157" Total no. = 14	**11** Ø61 mm Ø2.4" Total no. = 1	**12** Total no. = 1

NOTE: When replacing the packing gland (pos. 7) in SVA-S/L, SVA-ST/LT or SVA-HS the aluminium gasket (pos. 2) is needed.

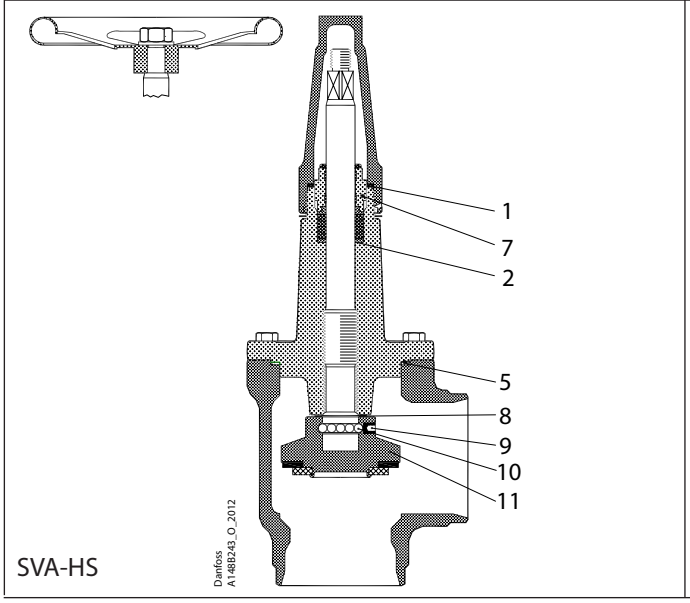
Overhaul kit | Code number 148B6155
SVA-S/L, SVA-ST/LT, SVA-HS, size 80



SVA-S/L

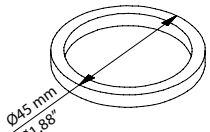


SVA-ST/LT



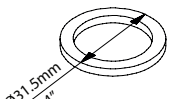
SVA-HS

1 = Nylon



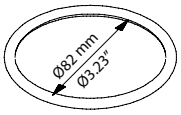
Total no. = 1

2 = Alu.



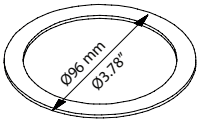
Total no. = 1

3



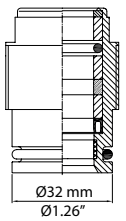
Total no. = 1

5 = Fibre



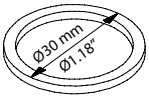
Total no. = 1

7



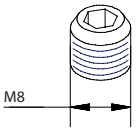
Total no. = 1

8 = PTFE



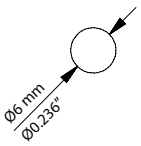
Total no. = 1

9



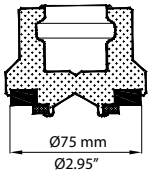
Total no. = 1

10



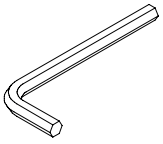
Total no. = 13

11



Total no. = 1

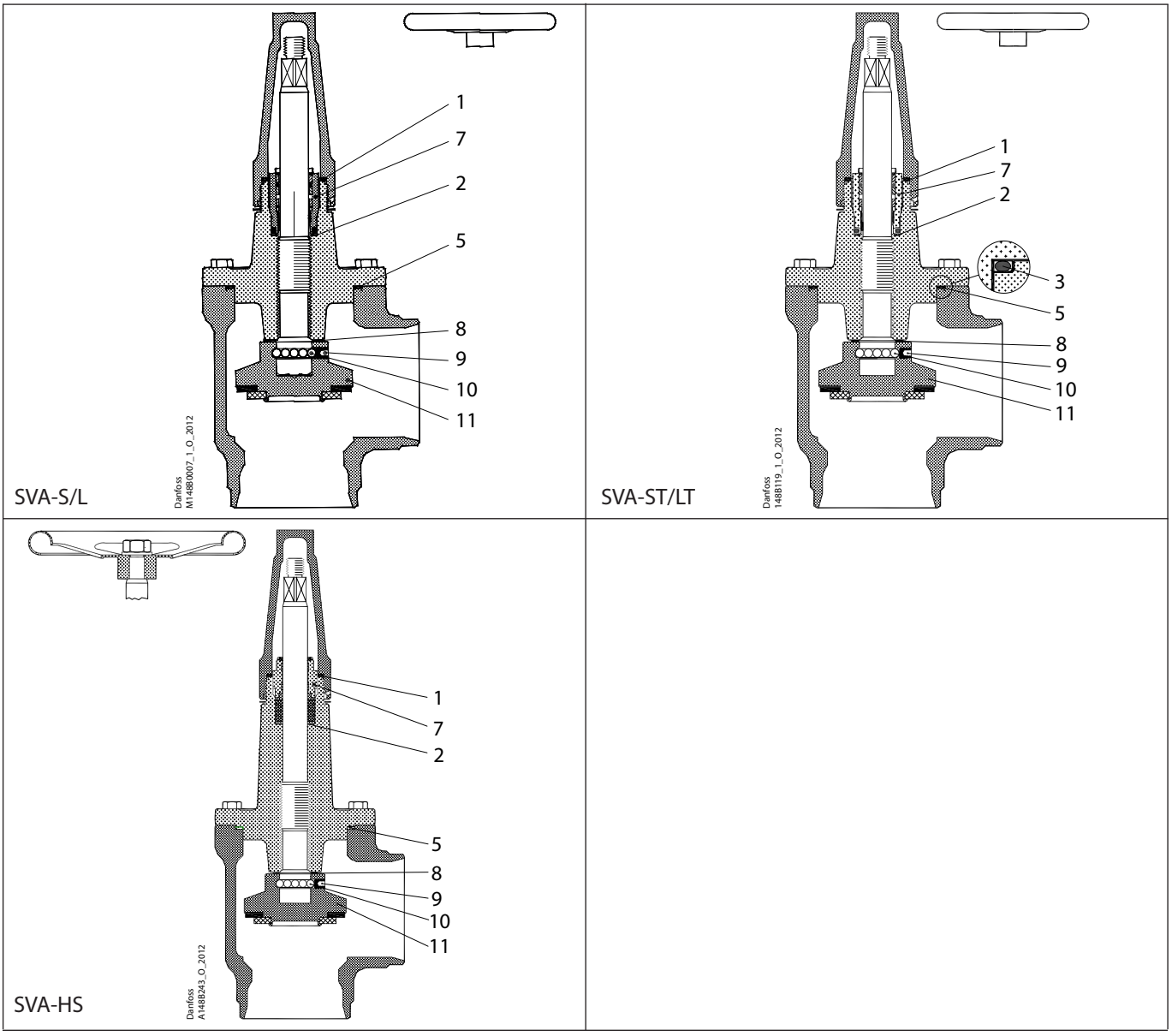
12



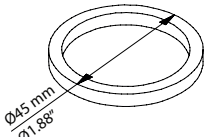
Total no. = 1

NOTE: When replacing the packing gland (pos. 7) in SVA-S/L, SVA-ST/LT or SVA-HS the aluminium gasket (pos. 2) is needed.

Overhaul kit | Code number 148B6156
SVA-S/L, SVA-ST/LT, SVA-HS, size 100

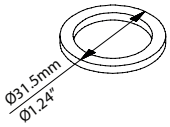


1 = Nylon



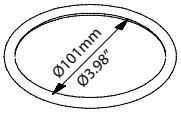
Total no. = 1

2 = Alu.



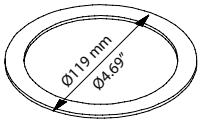
Total no. = 1

3



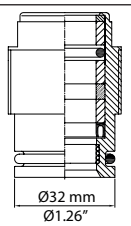
Total no. = 1

5 = Fibre



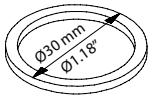
Total no. = 1

7



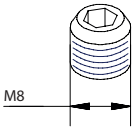
Total no. = 1

8 = PTFE



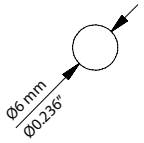
Total no. = 1

9



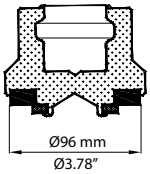
Total no. = 1

10



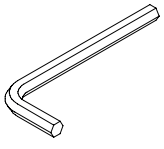
Total no. = 13

11



Total no. = 1

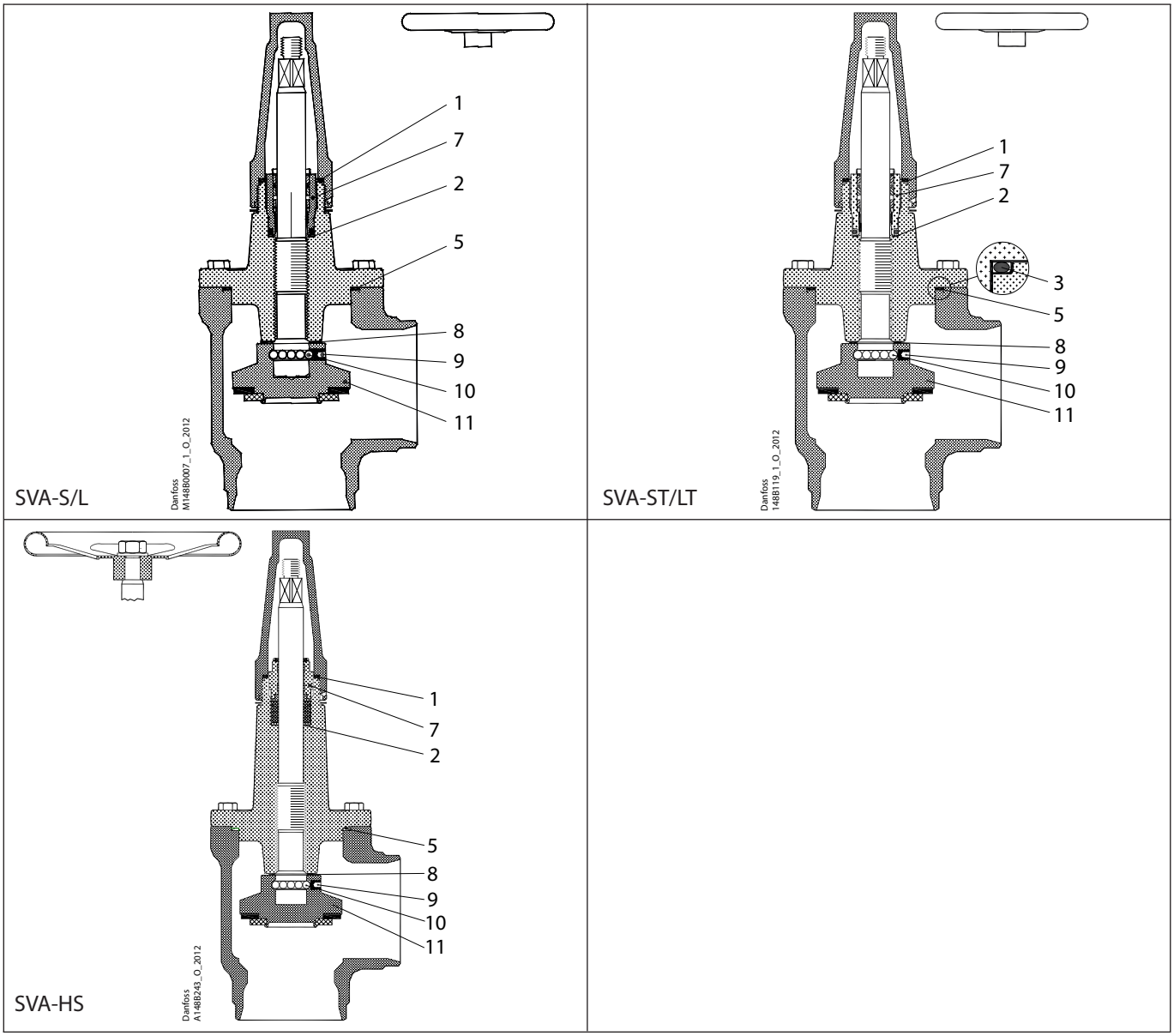
12



Total no. = 1

NOTE: When replacing the packing gland (pos. 7) in SVA-S/L, SVA-ST/LT or SVA-HS the aluminium gasket (pos. 2) is needed.

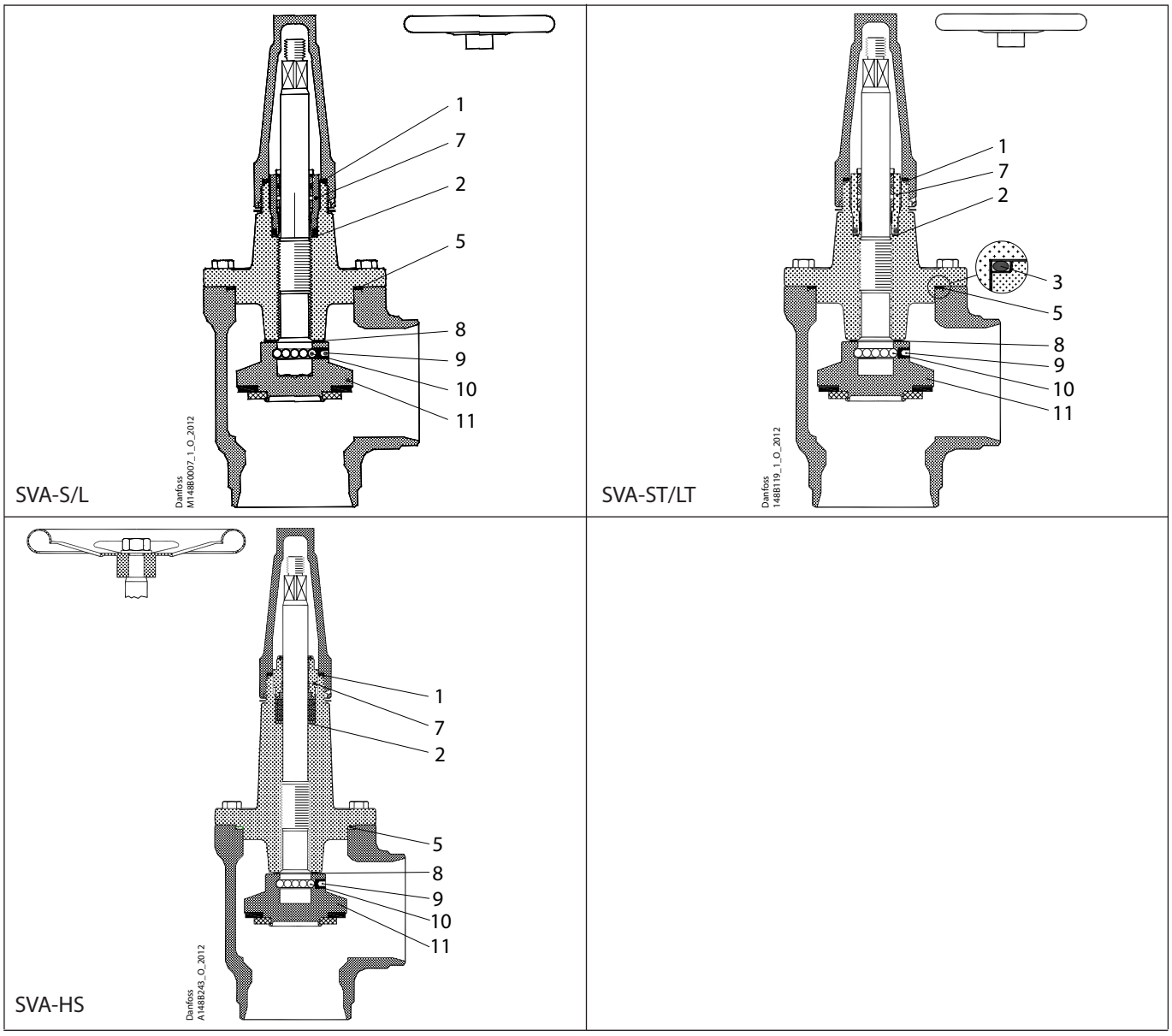
Overhaul kit | Code number 148B6157
SVA-S/L, SVA-ST/LT, SVA-HS, size 125



1 = Nylon Ø57 mm Ø2.25″ Total no. = 1	**2** = Alu. Ø39.5mm Ø1.56″ Total no. = 1	**3** Ø123mm Ø4.85″ Total no. = 1	**5** = Fibre Ø145 mm Ø5.71″ Total no. = 1	**7** Ø40 mm Ø1.57″ Total no. = 1
8 = PTFE Ø40 mm Ø1.57″ Total no. = 1	**9** M8 Total no. = 1	**10** Ø8 mm Ø0.315″ Total no. = 13	**11** Ø116 mm Ø4.57″ Total no. = 1	**12** Total no. = 1

NOTE: When replacing the packing gland (pos. 7) in SVA-S/L, SVA-ST/LT or SVA-HS the aluminium gasket (pos. 2) is needed.

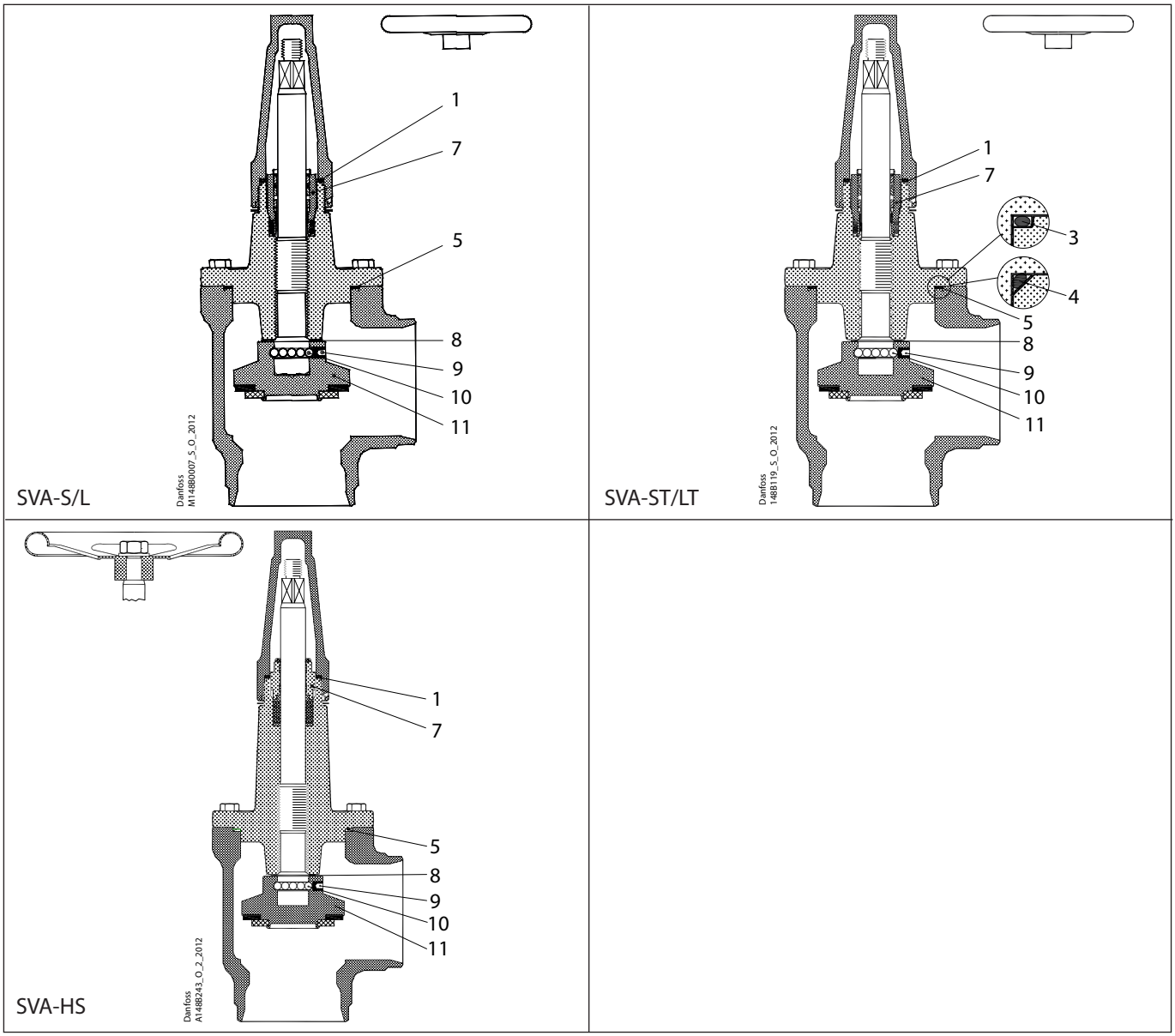
Overhaul kit | Code number 148B6158
SVA-S/L, SVA-ST/LT, SVA-HS, size 150



1 = Nylon Ø57 mm / Ø2.25″ Total no. = 1	**2** = Alu. Ø39.5mm / Ø1.56″ Total no. = 1	**3** Ø148 mm / Ø5.85″ Total no. = 1	**5** = Fibre Ø170 mm / Ø6.7″ Total no. = 1	**7** Ø40 mm / Ø1.57″ Total no. = 1
8 = PTFE Ø40 mm / Ø1.6″ Total no. = 1	**9** M10 Total no. = 1	**10** Ø8 mm / Ø0.315″ Total no. = 13	**11** Ø137 mm / Ø5.39″ Total no. = 1	**12** Total no. = 1

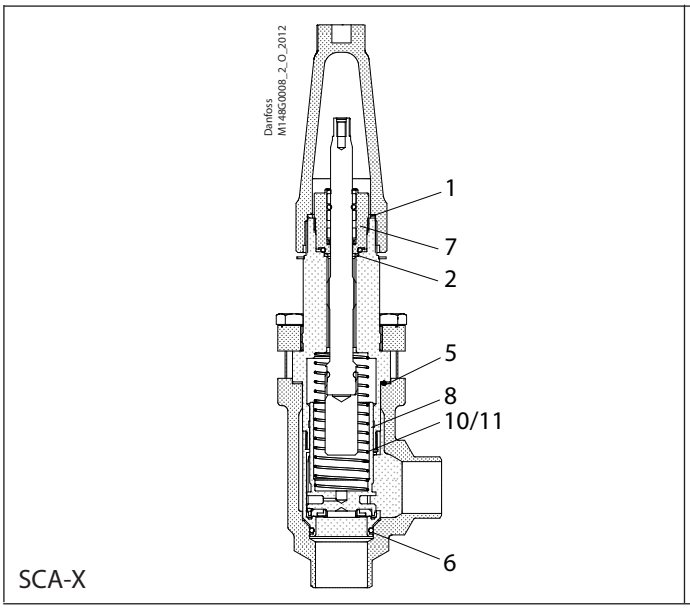
NOTE: When replacing the packing gland (pos. 7) in SVA-S/L, SVA-ST/LT or SVA-HS the aluminium gasket (pos. 2) is needed.

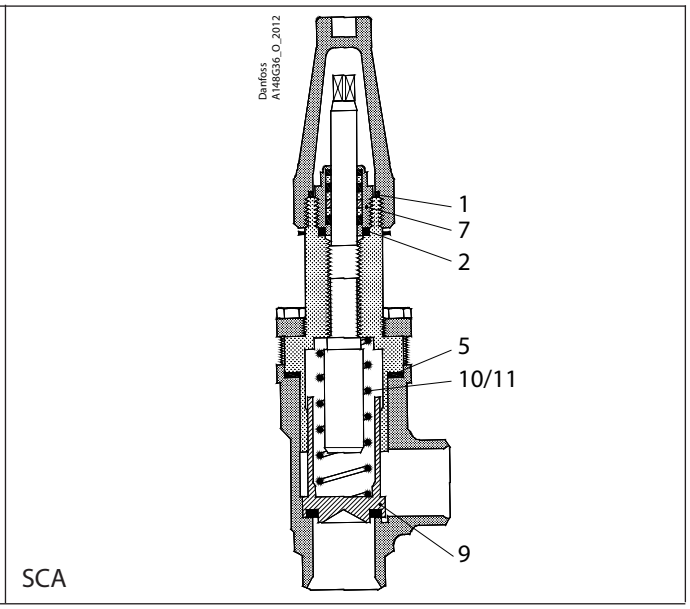
Overhaul kit | Code number 148B6472
Shut-off valves, SVA-S/L, SVA-ST/LT, SVA-HS, size 200



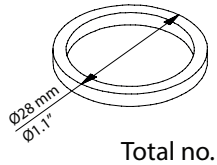
1 = Nylon Ø66 mm Ø2.61" Total no. = 1	**3** Ø190 mm Ø3.23" Total no. = 1	**5** = Fibre Ø216 mm Ø8.5" Total no. = 1	**7** Ø50 mm Ø1.97" Total no. = 1	**8** = PTFE Ø47 mm Ø1.85" Total no. = 1
9 M12 Total no. = 1	**10** Ø10 mm Ø0.394" Total no. = 13	**11** Total no. = 1	**12** Total no. = 1	**13** Total no. = 1

Overhaul kit | Code number 148B6160
SCA / SCA-X sizes 15 - 20



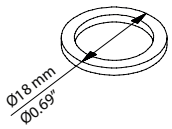


1 = Nylon



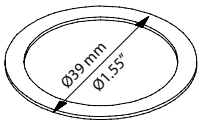
Total no. = 1

2 = Alu.



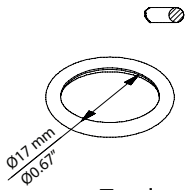
Total no. = 1

5 = Fibre



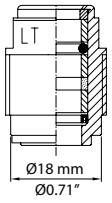
Total no. = 1

6



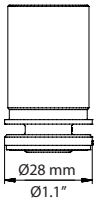
Total no. = 1

7



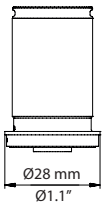
Total no. = 1

8



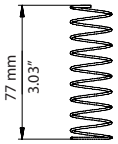
Total no. = 1

9



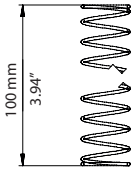
Total no. = 1

10



Total no. = 1

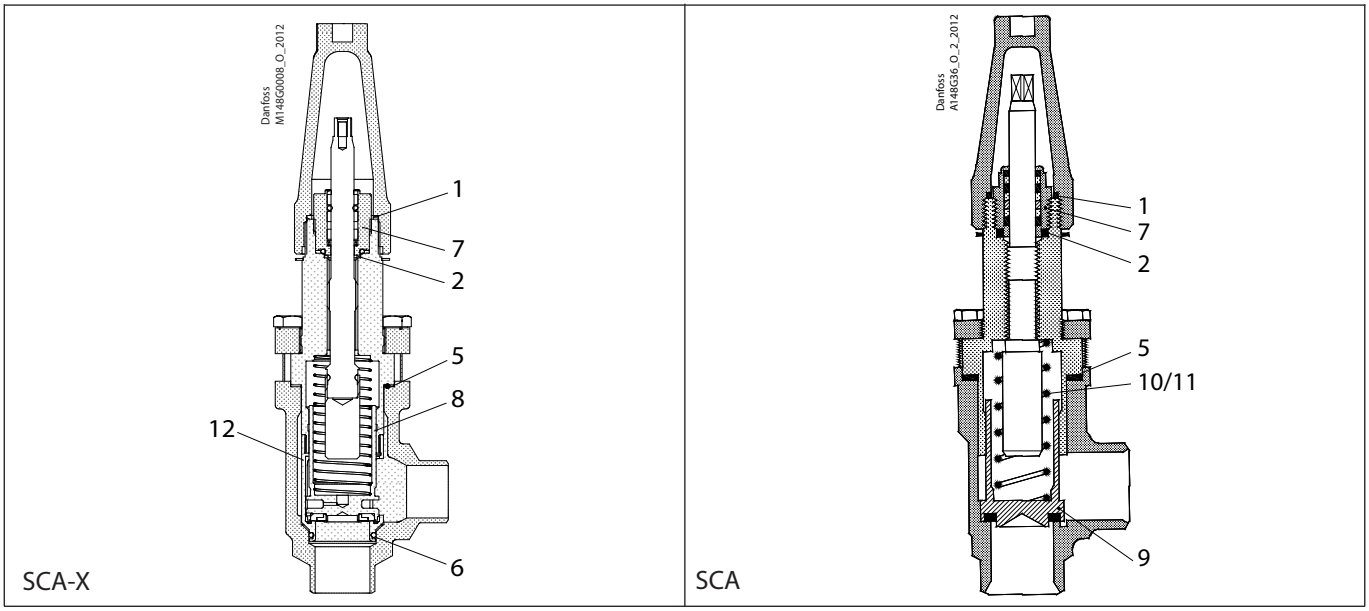
11

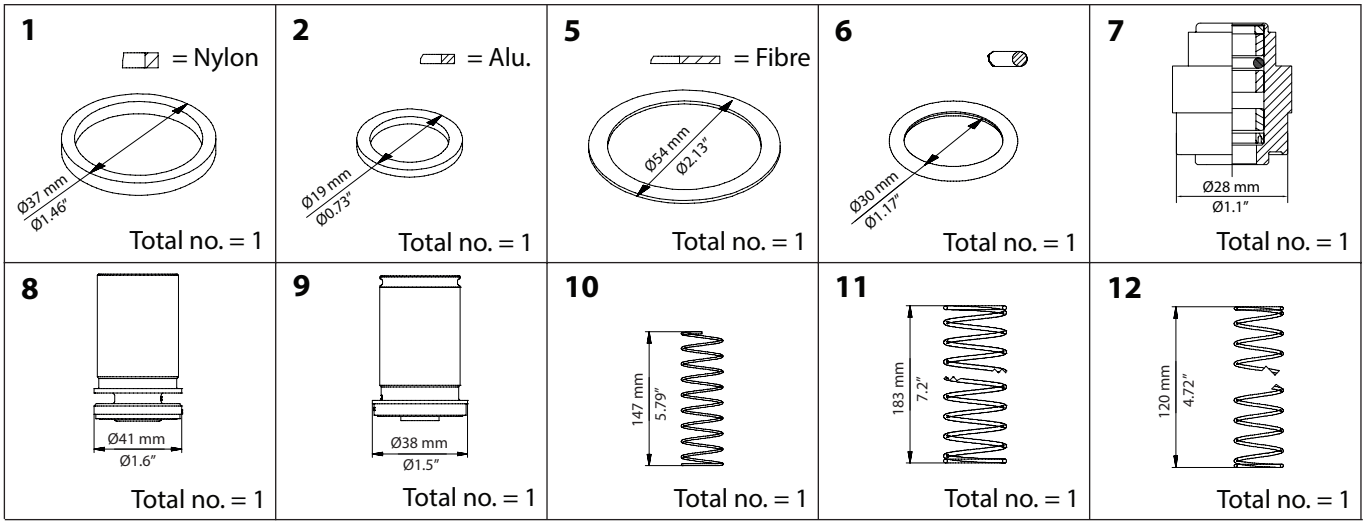


Total no. = 1

NOTE:
When replacing the packing gland (pos. 7) in SCA-X or SCA the aluminium gasket (pos. 2) is needed.

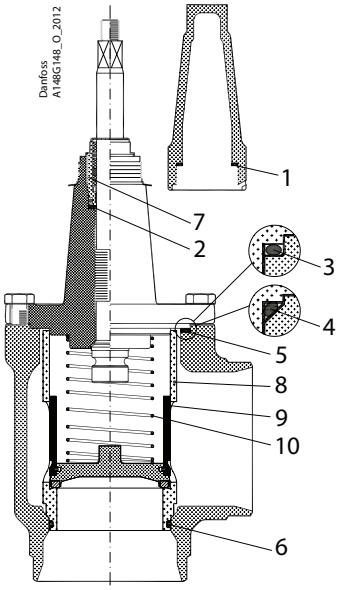
Overhaul kit | Code number 148B6161
SCA / SCA-X sizes 25-40





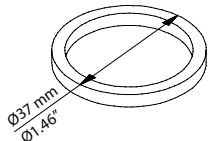
NOTE:
When replacing the packing gland (pos. 7) in SCA-X or SCA the aluminium gasket (pos. 2) is needed.

Overhaul kit | Code number 148B6162
SCA / SCA-X sizes 50



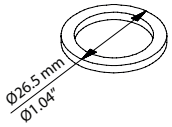
SCA/SCA-X

1 = Nylon



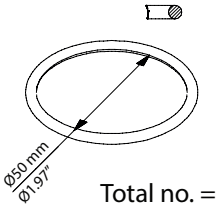
Total no. = 1

2 = Alu.



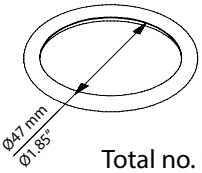
Total no. = 1

3



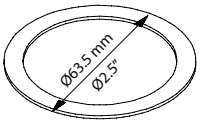
Total no. = 1

4



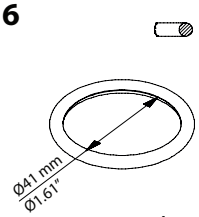
Total no. = 1

5 = Fibre



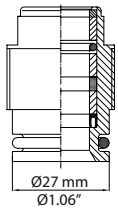
Total no. = 1

6



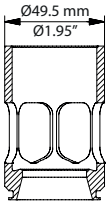
Total no. = 1

7



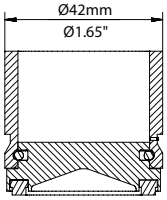
Total no. = 1

8



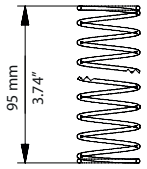
Total no. = 1

9



Total no. = 1

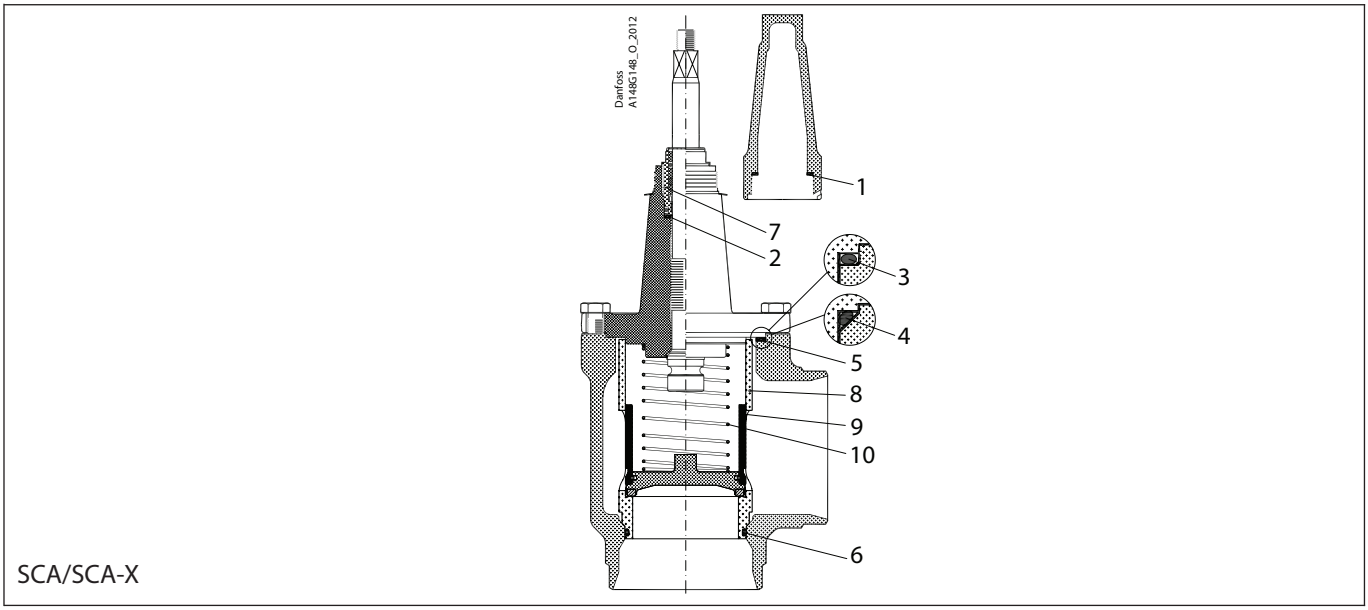
10



Total no. = 1

NOTE:
When replacing the packing gland (pos. 7) in SCA-X or SCA the aluminium gasket (pos. 2) is needed.

Overhaul kit | Code number 148B6163
SCA / SCA-X sizes 65

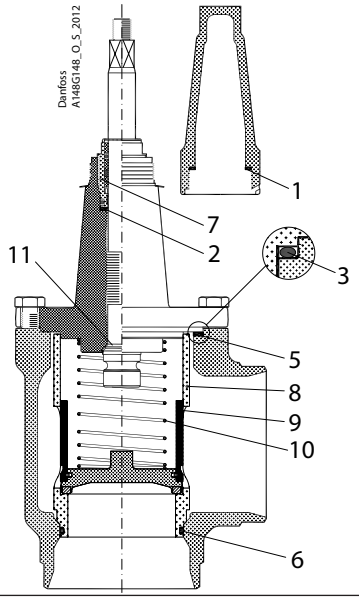


SCA/SCA-X

1 = Nylon Ø37 mm Ø1.46" Total no. = 1	**2** = Alu. Ø26.5 mm Ø1.04" Total no. = 1	**3** Ø63 mm Ø2.48" Total no. = 1	**4** Ø57 mm Ø2.23" Total no. = 1	**5** = Fibre Ø75 mm Ø2.93" Total no. = 1
6 Ø50 mm Ø1.98" Total no. = 1	**7** Ø27 mm Ø1.06" Total no. = 1	**8** Ø59.5 mm Ø2.34" Total no. = 1	**9** Ø50 mm Ø1.97" Total no. = 1	**10** 120 mm 4.72" Total no. = 1

NOTE:
When replacing the packing gland (pos. 7) in SCA-X or SCA the aluminium gasket (pos. 2) is needed.

Overhaul kit | Code number 148B6164
SCA / SCA-X sizes 80

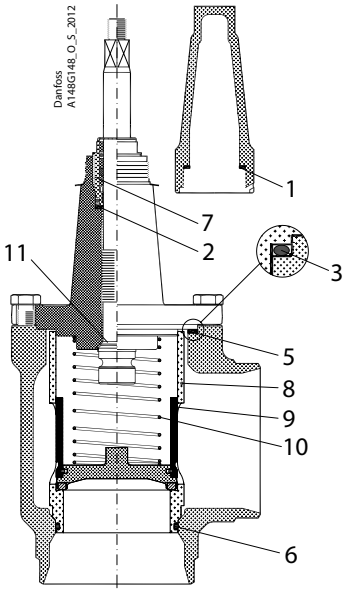


SCA/SCA-X

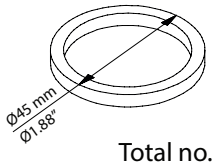
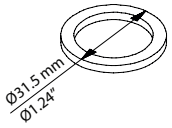
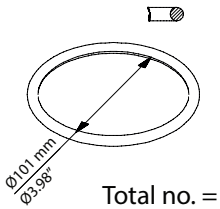
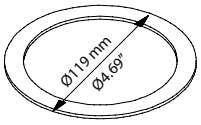
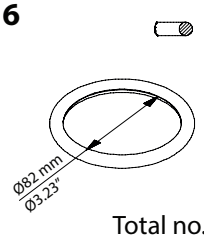
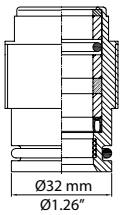
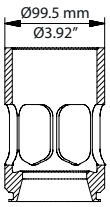
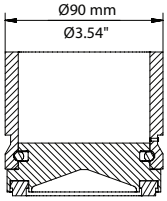
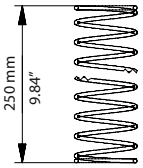
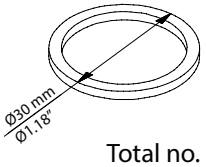
1 = Nylon Ø45 mm Ø1.88" Total no. = 1	**2** = Alu. Ø31.5 mm Ø1.24" Total no. = 1	**3** Ø82 mm Ø3.23" Total no. = 1	**5** = Fibre Ø96 mm Ø3.78" Total no. = 1	**6** Ø63 mm Ø2.48" Total no. = 1
7 Ø32 mm Ø1.26" Total no. = 1	**8** Ø79.5 mm Ø3.13" Total no. = 1	**9** Ø70 mm Ø2.76" Total no. = 1	**10** 160 mm 6.3" Total no. = 1	**11** = PTFE Ø30 mm Ø1.18" Total no. = 1

NOTE:
When replacing the packing gland (pos. 7) in SCA-X or SCA the aluminium gasket (pos. 2) is needed.

Overhaul kit | Code number 148B6165
SCA / SCA-X sizes 100

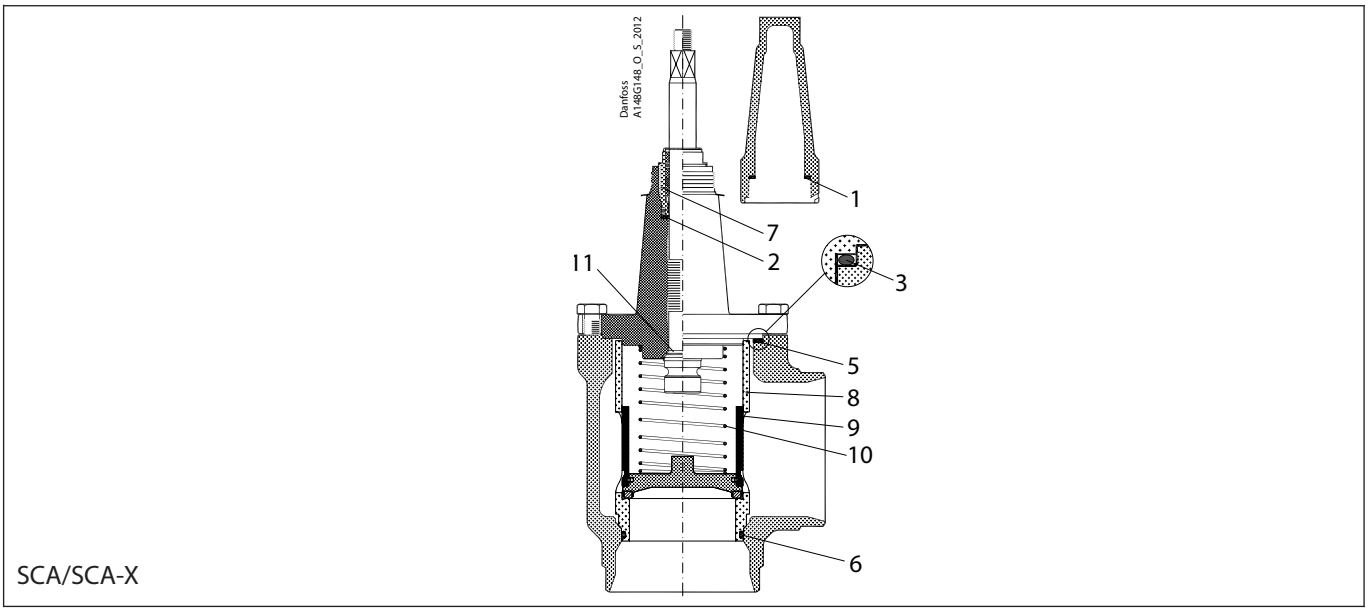


SCA/SCA-X

1 = Nylon  Total no. = 1	**2** = Alu.  Total no. = 1	**3**  Total no. = 1	**5** = Fibre  Total no. = 1	**6**  Total no. = 1
7  Total no. = 1	**8**  Total no. = 1	**9**  Total no. = 1	**10**  Total no. = 1	**11** = PTFE  Total no. = 1

NOTE:
When replacing the packing gland (pos. 7) in SCA-X or SCA the aluminium gasket (pos. 2) is needed.

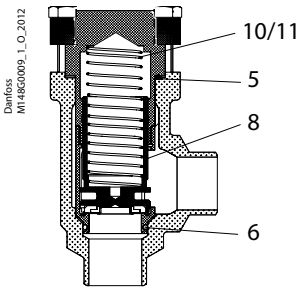
Overhaul kit | Code number 148B6166
SCA / SCA-X sizes 125



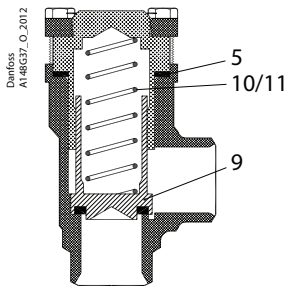
1 = Nylon Ø57 mm Ø2.25" Total no. = 1	**2** = Alu. Ø39.5 mm Ø1.56" Total no. = 1	**3** Ø123 mm Ø4.85" Total no. = 1	**5** = Fibre Ø145 mm Ø5.71" Total no. = 1	**6** Ø101 mm Ø3.98" Total no. = 1
7 Ø40 mm Ø1.57" Total no. = 1	**8** Ø125 mm Ø4.9" Total no. = 1	**9** Ø110 mm Ø4.33" Total no. = 1	**10** 310 mm 12.2" Total no. = 1	**11** = PTFE Ø40 mm Ø1.57" Total no. = 1

NOTE:
When replacing the packing gland (pos. 7) in SCA-X or SCA the aluminium gasket (pos. 2) is needed.

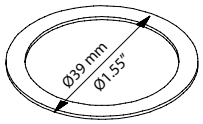
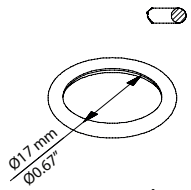
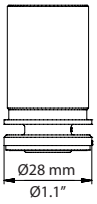
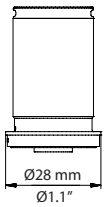
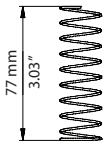
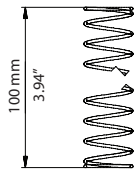
Overhaul kit | Code number 148B6167
CHV / CHV-X sizes 15 - 20



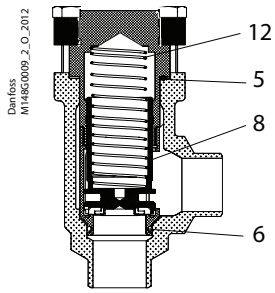
CHV-X



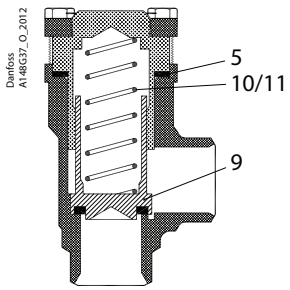
CHV

5 = Fibre  Total no. = 1	**6**  Total no. = 1	**8**  Total no. = 1	**9**  Total no. = 1	**10**  Total no. = 1
11  Total no. = 1				

Overhaul kit | Code number 148B6168
CHV / CHV-X sizes 25 - 40

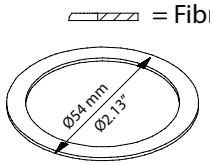


CHV-X



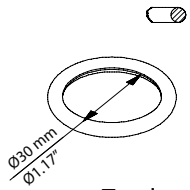
CHV

5



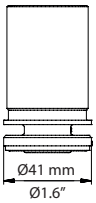
Total no. = 1

6



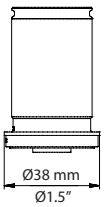
Total no. = 1

8



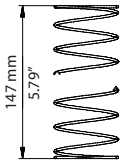
Total no. = 1

9



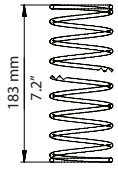
Total no. = 1

10



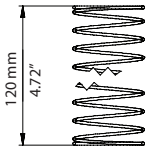
Total no. = 1

11



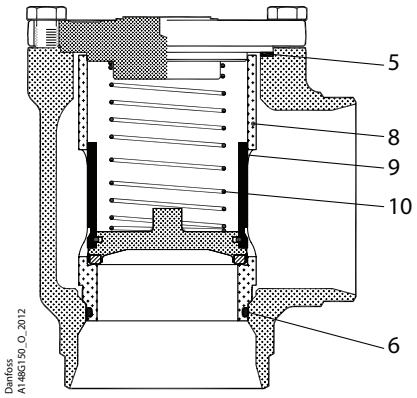
Total no. = 1

12



Total no. = 1

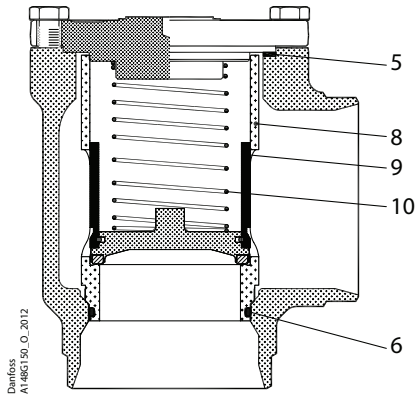
Overhaul kit | Code number 148B6169
CHV / CHV-X sizes 50



CHV/CHV-X

5	6	8	9	10
= Fibre Ø63.5 mm Ø2.5" Total no. = 1	Ø41 mm Ø1.61" Total no. = 1	Ø49.5 mm Ø1.95" Total no. = 1	Ø42mm Ø1.65" Total no. = 1	95 mm 3.74" Total no. = 1

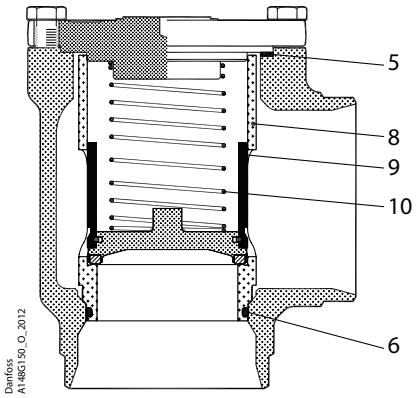
Overhaul kit | Code number 148B6170
CHV / CHV-X sizes 65



CHV/CHV-X

5	6	8	9	10
= Fibre Ø75 mm Ø2.93" Total no. = 1	Ø50 mm Ø1.98" Total no. = 1	Ø59.5 mm Ø2.34" Total no. = 1	Ø50 mm Ø1.97" Total no. = 1	120 mm 4.72" Total no. = 1

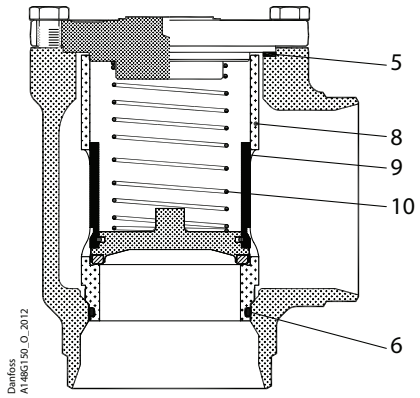
Overhaul kit | Code number 148B6171
CHV / CHV-X sizes 80



CHV/CHV-X

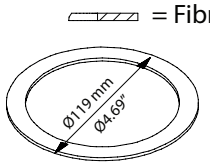
5	6	8	9	10
= Fibre Ø96 mm Ø3.78" Total no. = 1	Ø63 mm Ø2.48" Total no. = 1	Ø79.5 mm Ø3.13" Total no. = 1	Ø70 mm Ø2.76" Total no. = 1	160 mm 6.3" Total no. = 1

Overhaul kit | Code number 148B6172
CHV / CHV-X sizes 100



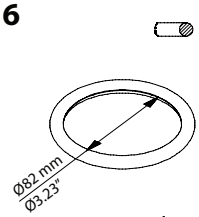
CHV/CHV-X

5



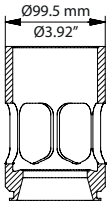
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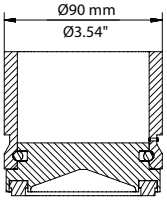
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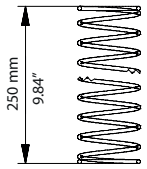
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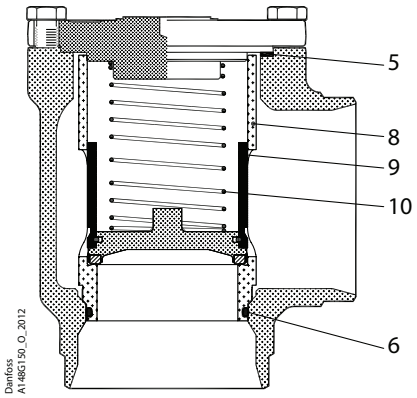
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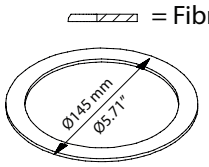
Total no. = 1

Overhaul kit | Code number 148B6173
CHV / CHV-X sizes 125



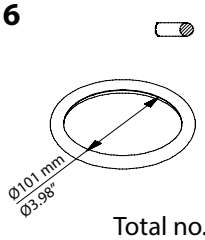
CHV/CHV-X

5



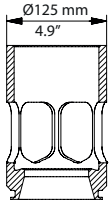
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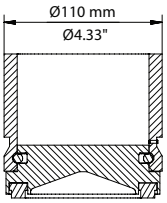
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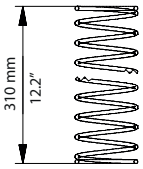
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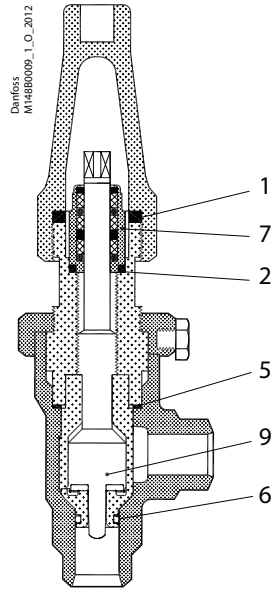
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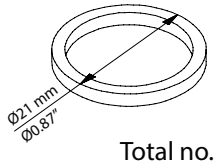
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Overhaul kit | Code number 148B6174
REG-SA/SB size 10



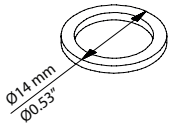
REG-SA/SB

1 = Nylon



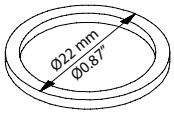
Total no. = 1

2 = Alu.



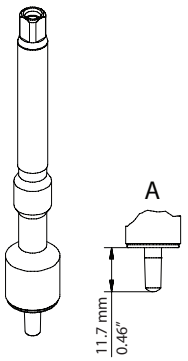
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5 = Alu.



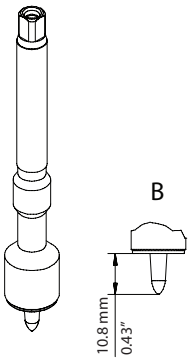
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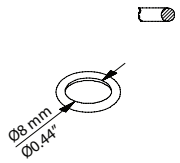
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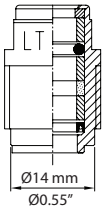
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Total no. = 1

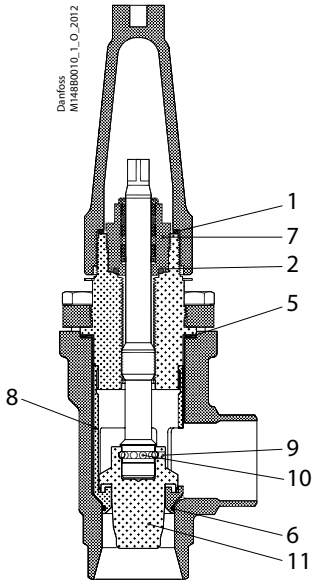
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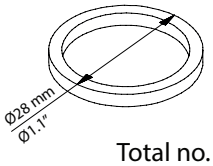
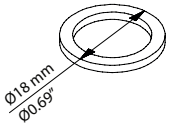
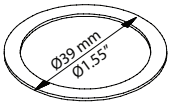
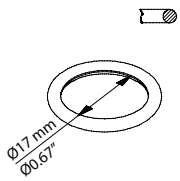
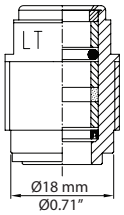
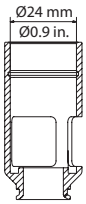
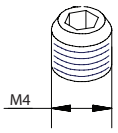
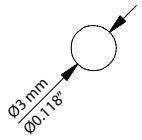
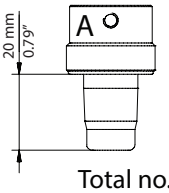
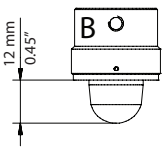
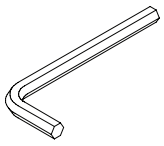
Total no. = 1

NOTE:
When replacing the packing gland (pos. 7) in REG-SA/B or REG the aluminium gasket (pos. 2) is needed.

Overhaul kit | Code number 148B6175
REG-SA/SB size 15-20

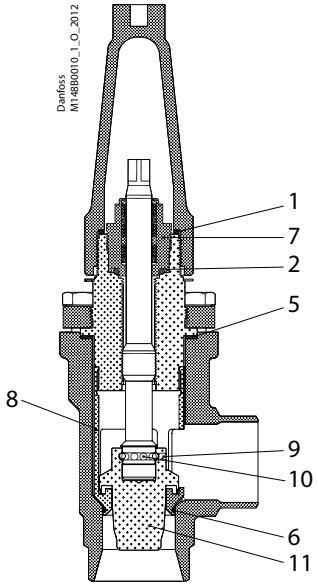


REG-SA/SB

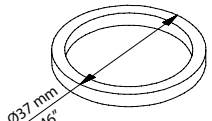
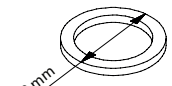
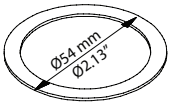
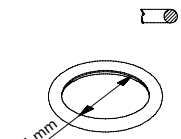
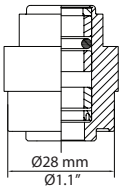
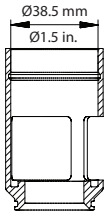
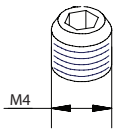
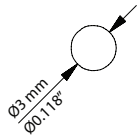
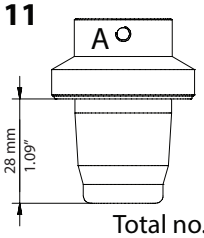
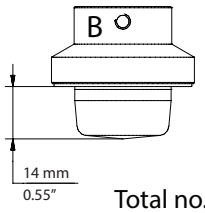
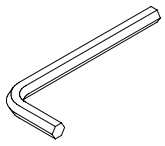
1 = Nylon  Total no. = 1	**2** = Alu.  Total no. = 1	**5** = Fibre  Total no. = 1	**6**  Total no. = 1	**7**  Total no. = 1
8  Total no. = 1	**9**  Total no. = 1	**10**  Total no. = 10	**11**  Total no. = 1	**11**  Total no. = 1
12  Total no. = 1				

NOTE:
When replacing the packing gland (pos. 7) in REG-SA/B or REG the aluminium gasket (pos. 2) is needed.

Overhaul kit | Code number 148B6176
REG-SA/SB size 25-40

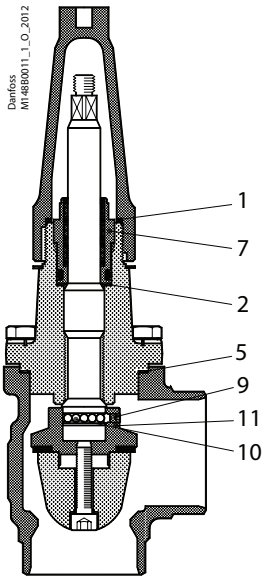


REG-SA/SB

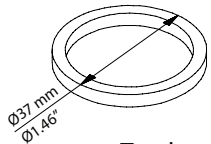
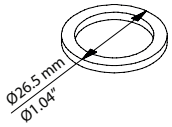
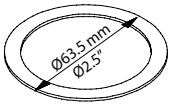
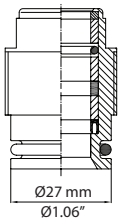
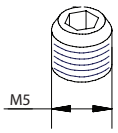
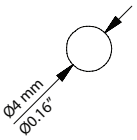
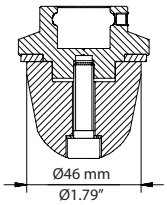
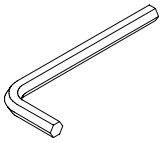
1 = Nylon  Total no. = 1	**2** = Alu.  Total no. = 1	**5** = Fibre  Total no. = 1	**6**  Total no. = 1	**7**  Total no. = 1
8  Total no. = 1	**9**  Total no. = 1	**10**  Total no. = 14	**11**  Total no. = 1	**11**  Total no. = 1
12  Total no. = 1				

NOTE:
When replacing the packing gland (pos. 7) in REG-SA/B or REG the aluminium gasket (pos. 2) is needed.

Overhaul kit | Code number 148B6177
REG-SA/SB size 50

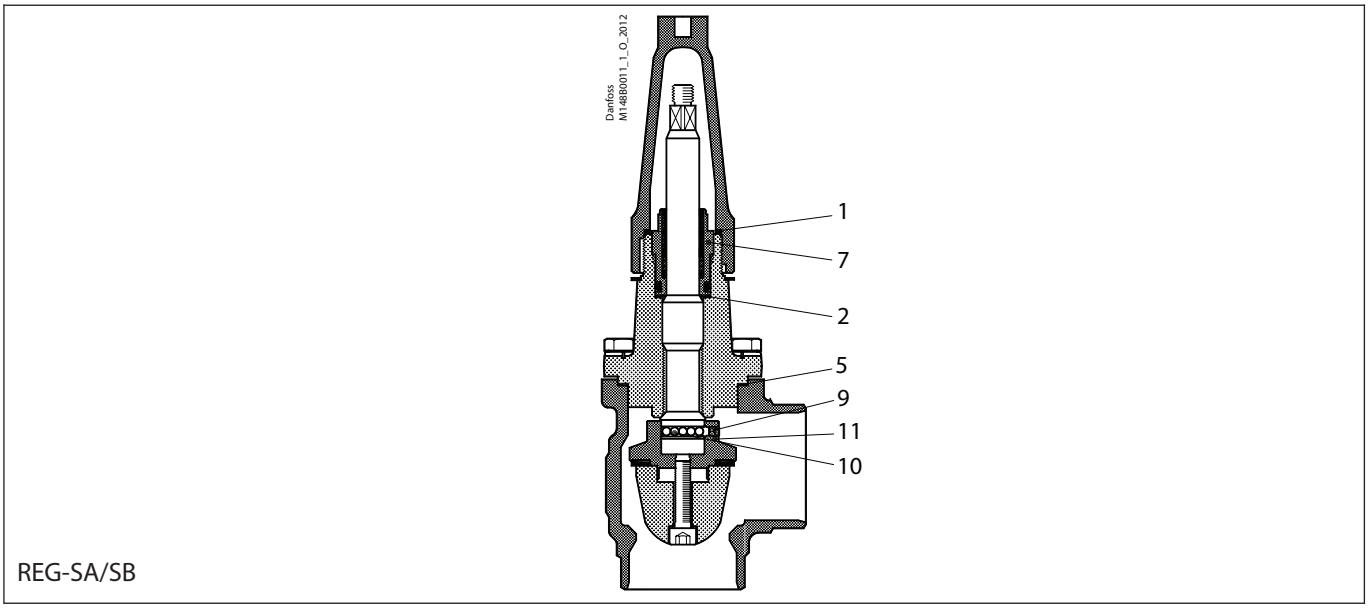


REG-SA/SB

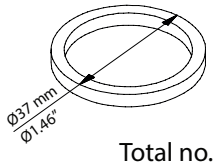
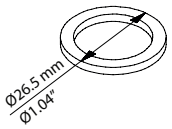
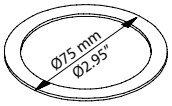
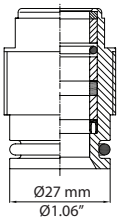
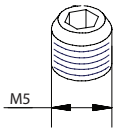
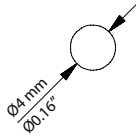
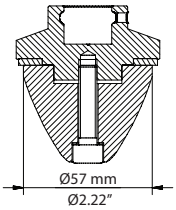
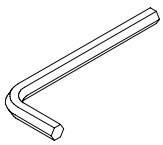
1 = Nylon  Total no. = 1	**2** = Alu.  Total no. = 1	**5** = Fibre  Total no. = 1	**7**  Total no. = 1	**9**  Total no. = 1
10  Total no. = 14	**11**  Total no. = 1	**12**  Total no. = 1		

NOTE:
When replacing the packing gland (pos. 7) in REG-SA/B or REG the aluminium gasket (pos. 2) is needed.

Overhaul kit | Code number 148B6178
REG-SA/SB size 65



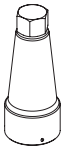
REG-SA/SB

1 = Nylon  Total no. = 1	**2** = Alu.  Total no. = 1	**5** = Fibre  Total no. = 1	**7**  Total no. = 1	**9**  Total no. = 1
10  Total no. = 14	**11**  Total no. = 1	**12**  Total no. = 1		

NOTE:
When replacing the packing gland (pos. 7) in REG-SA/B or REG the aluminium gasket (pos. 2) is needed.

SVA, SVA-ST, SVA-LT, SVA-HS, SVA-S, SVA-L, REG, REG-SA/SB, SCA, SCA-X and FIA
Accessories

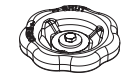
Cap incl. gasket *for SVA, SVA-ST, SVA-LT, SVA-HS, SVA-S, SVA-L, REG, REG-SA/SB, SCA and SCA-X*

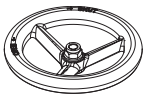


Valve size	Code number
3-10	**148B4074**
15-20	**148B4075**
25-65	**148B4076**
80-100	**148B4077**
125-150	**148B4078**
200	**148B4079**

Please note: *All accessory caps are red.*

Hand wheel incl. nut and washer *for SVA, SVA-ST, SVA-LT, SVA-HS, SVA-S, SVA-L, REG, REG-SA/SB, SCA and SCA-X*





Valve size	Code number
3-10	**148B4073**
15-20	**148B4060**
25-40	**148B4062**
50-65	**148B4064**
80	**148B4065**
100	**148B4066**
125-150	**148B4067**
200	**148B4068**

Spring *for SCA, SCA-X, CHV and CHV-X*



Valve size	0.04 bar / 0.58 psi Code number	0.3 bar / 4.35 psi Code number
15-20	**148G3204**	**148G3206**
25-40*	**148G3205**	**148G3207**
25-40**	**148B6180**	**148B6179**
50	**148G3475**	**148G3480**
65	**148G3476**	**148G3481**
80	**148G3477**	**148G3482**

Special spring for horizontal installation:

Valve size	Code number
80	**148B6181**
100	**148B6182**

* Before Nov. 2012
** After Nov. 2012

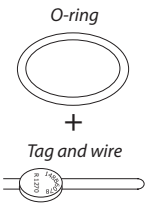
Gasket for housing/top cover *for SVA-HS, SVA-S, SVA-L and FIA*



Valve / filter size	Code number
15-20	**148B4153**
25-40	**148B4154**
50	**148B4155**
65	**148B4156**
80	**148B4157**
100	**148B4158**
125	**148B4159**
150	**148B4160**
200	**148B4161**

Grease for packing gland	All types and sizes	**148H3445**

Replacement kits* for R717 Ammonia Heat Pump** and R1270 Propylene applications *for SCA-X, CHV-X sizes 15-125 and REG SA/SB sizes 10-40*

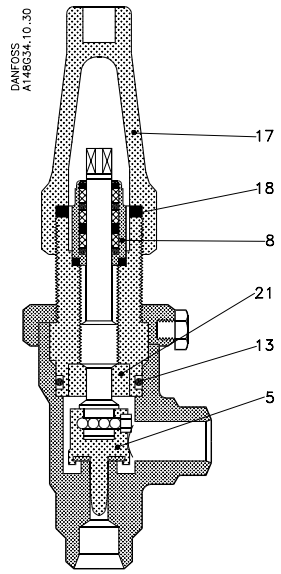


Valve size	R717 Heat Pump	R1270 Propylene
10	**148B6084**	**148B6085**
15	**148B6070**	**148B6077**
20	**148B6070**	**148B6077**
25	**148B6071**	**148B6078**
32	**148B6071**	**148B6078**
40	**148B6071**	**148B6078**
50	**148B6072**	**148B6079**
65	**148B6073**	**148B6080**
80	**148B6074**	**148B6081**
100	**148B6075**	**148B6082**
125	**148B6076**	**148B6083**

* Not needed for SVA, FIA and REG50/65
** Replacement kits for R717 Ammonia Heat Pump is applicable for continuous operating temperature between +100°C to 150°C (212°F to 302°F)

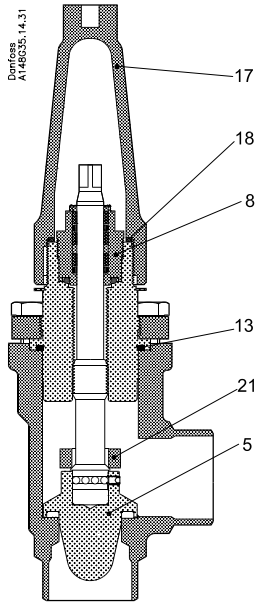
Hand regulating valves
Type REG 3-40 (1/8-1½ in.) **with previous cone design**

1



REG 3-10

2



REG 15-40

REG 3-10 (1/8 - 3/8 in.) - fig. 1

Description	Pos. #	Code no. For cone number ( )*
Repair kit, complete set of gaskets		
Cone complete incl. steel balls and Allen screw	5	**(1) 2453+035 (2) 2453+036 (3) 2453+037**
Gaskets complete for packing gland	8a	
O-ring for housing/bonnet	13	
Gasket for cap	18	
Distance ring	21	
Allen key	-	
Cap incl. gasket		
Cap incl. gasket	17	**148B4074**

REG 15-25 (½ - 1 in.) - fig. 2

Description	Pos. #	Code no. For cone number ( )*
Spare part kit, for bonnet and cap (dismounting set)		
O-ring for housing/bonnet	13	**148B4053**
Cap incl. gasket	17	
Gasket for cap	18	
Repair kit, complete set of gaskets		
Cone complete incl. steel balls and Allen screw	5	**(4) 2453+038 (5) 2453+039 (6) 2453+040 (7) 2453+041**
Gaskets complete for packing gland	8a	
O-ring for housing/bonnet	13	
Gasket for cap	18	
Distance ring	21	
Allen key	-	
Packing gland incl. gaskets (with O-rings)		
Packing gland incl. gaskets	8	**148B4056**
Cap incl. gasket		
Cap incl. gasket	17	**148B4075**

REG 25-40 (1 - 1½ in.) - fig. 2

Description	Pos. #	Code no. For cone number ( )*
Spare part kit, for bonnet and cap (dismounting set)		
O-ring for housing/bonnet	13	**148B4008**
Cap incl. gasket	17	
Gasket for cap	18	
Repair kit, complete set of gaskets		
Cone complete incl. steel balls and Allen screw	5	**(8) 2453+042 (9) 2453+043 (10) 2453+044**
Gaskets complete for packing gland	8a	
O-ring for housing/bonnet	13	
Gasket for cap	18	
Distance ring	21	
Allen key	-	
Packing gland incl. gaskets (with O-rings)		
Packing gland incl. gaskets	8	**148B4032**
Cap incl. gasket		
Cap incl. gasket	17	**148B4076**

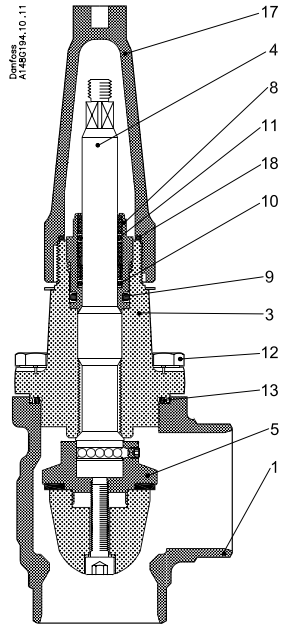
All types

Description	Code no.
Grease for packing gland (tube)	
Grease for packing gland (tube)	**148H3445**

* ***Note:*** *Cone no. equal to last digit in type designation (e.g. REG 15 A XXn, n = cone no.)*

Hand regulating valves
Type REG 50-65 (2 - 2½ in.) **with previous cone design**

3



REG 50-65

REG 50 (2 in.) - fig. 3

Description	Pos. #	Code no. For cone number ( )*
Repair kit, complete set of gaskets		
Cone complete incl. steel balls and Allen screw	5	(11) 148G3197
Packing gland incl. gaskets	8	
O-ring for housing / bonnet	13	
Gasket for cap	18	
Allen key	-	
Cap incl. gasket		
Cap incl. gasket	17	**148B4076**

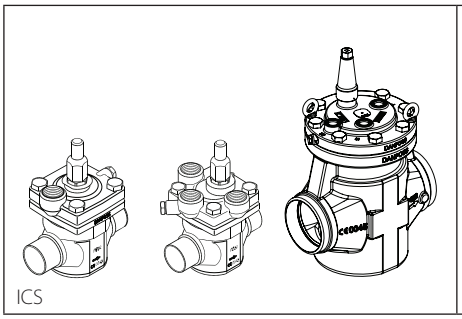
REG 65 (2½ in.) - fig. 3

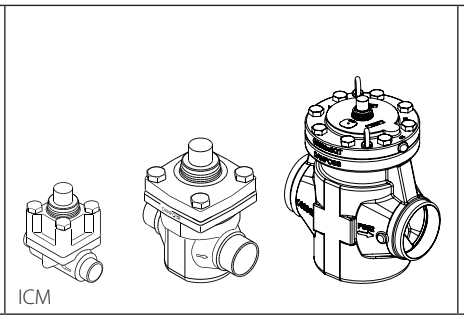
Description	Pos. #	Code no.
Spare part kit, for bonnet and cap (dismounting set)		
O-ring for housing/bonnet	13	**148B4010**
Gasket for cap	18	
Cap incl. gasket		
Cap incl. gasket	17	**148B4076**

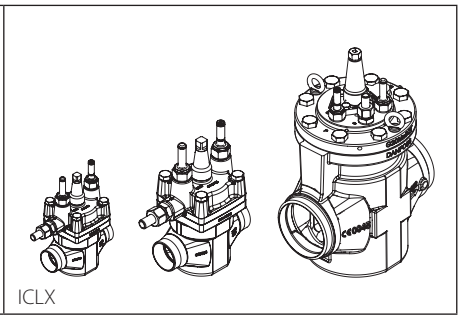
All types

Description	Code no.
Grease for packing gland (tube)	
Grease for packing gland (tube)	**148H3445**

Pilot operated servo valve, type ICS | Motor operated valve, type ICM | 2-step solenoid valve, type ICLX


ICS


ICM


ICLX

Valve type	Size	See details on page #	Code no.
Inspection kits			
ICS, ICM, ICLX	25 [1])	68	**027H2218**
	32	69	**027H3016**
	40	70	**027H4014**
	50	71	**027H5014**
	65 / 80	72	**027H6016**
	100	73	**027H7191**
	125	74	**027H7194**
	150	75	**027H7196**
Repair kits			
ICS, ICLX	25 [2])	76	**027H2219**
	32	77	**027H3017**
	40	78	**027H4015**
	50	79	**027H5015**
	65 / 80	80	**027H6017**
	100	81	**027H7192**
	125	82	**027H7204**
	150	83	**027H7197**
ICM	20	84	**027H1190**
	100	85	**027H7135**
	125	86	**027H7155**
	150	87	**027H7175**
Overhaul kit, ICS			
ICS	25-5	88	**027H2225**
	25-10	89	**027H2138**
	25-15	90	**027H3019**
	25-20	91	**027H3043**
	25-25	92	**027H3044**
	32	93	**027H3018**
	40	94	**027H4016**
	50	95	**027H5016**
	65	96	**027H6018**
	80	97	**027H6028**
	100	98	**027H7193**
	125	99	**027H7195**
	150	100	**027H7198**

[1]) ICS and ICM only
[2]) ICS only

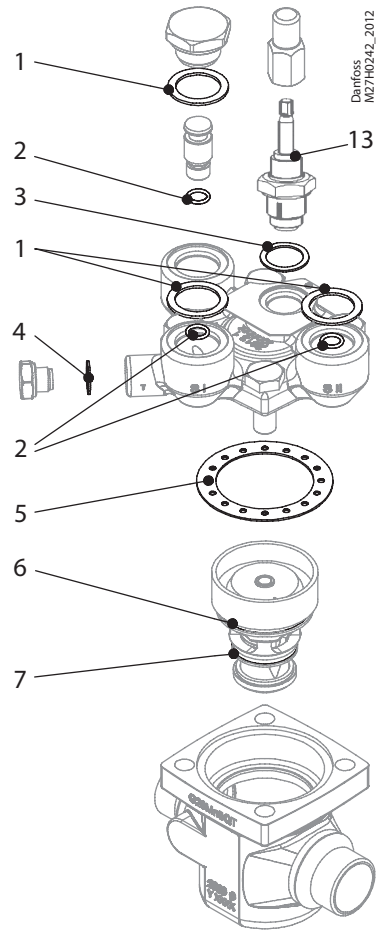
Valve type	Size	See details on page #	Code no.
Overhaul kit, ICM			
ICM	20A	101	**027H1180**
	20A-33	102	**027H1186**
	20B	103	**027H1181**
	20B-66	104	**027H1194**
	20C	105	**027H1182**
	25A	106	**027H2180**
	25B	107	**027H2181**
	32A	108	**027H3180**
	32B	109	**027H3181**
	40A	110	**027H4180**
	40B	111	**027H4181**
	50A	112	**027H5180**
	50B	113	**027H5181**
	65A	114	**027H6180**
	65B	115	**027H6181**
	100	116	**027H7136**
	125	117	**027H7156**
	150	118	**027H7176**
Overhaul kit, ICLX			
ICLX	32	119	**027H3204**
	40	120	**027H4204**
	50	121	**027H5204**
	65 / 80	122	**027H6204**
	100	123	**027H7221**
	125	124	**027H7222**
	150	125	**027H7223**
Accessories			
for ICS		126	
for ICM		128	
for ICLX		130	

Inspection kits:
Contain all gaskets, O-rings and aluminum rings belonging to one valve size. For detailed content, see specific pages mentioned above.

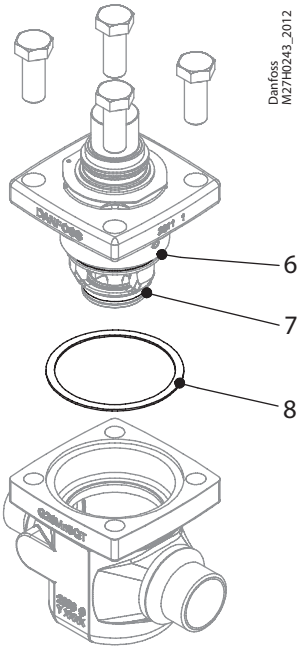
Repair kits:
Contain all gaskets, O-rings and aluminum rings belonging to one valve size, valve seat and piston ring. For detailed content, see specific pages mentioned above.

Overhaul kits:
Contain all gaskets, O-rings and aluminum rings belonging to 1 valve size and parts what could be damaged or worn out. Where possible, code numbers of complete modules or top parts from parts program are used. For detailed content, see specific pages mentioned above.

Inspection kit | Code number 027H2218
ICS, size 25-5 to 25-25 / ICM, size 25

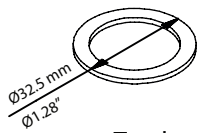


ICS 25-5 1-3 / 25-25 1-3



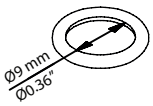
ICM 25

1 = Fibre



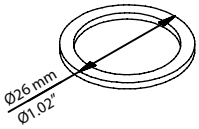
Total no. = 3

2



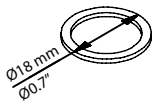
Total no. = 3

3 = Alu.



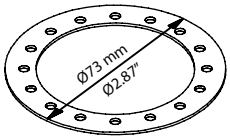
Total no. = 1

4 = Alu.



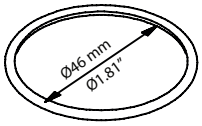
Total no. = 1

5 = Fibre



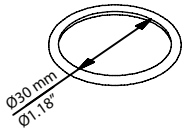
Total no. = 1

6



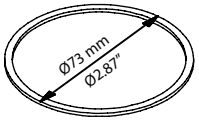
Total no. = 1

7



Total no. = 2

8 = Fibre



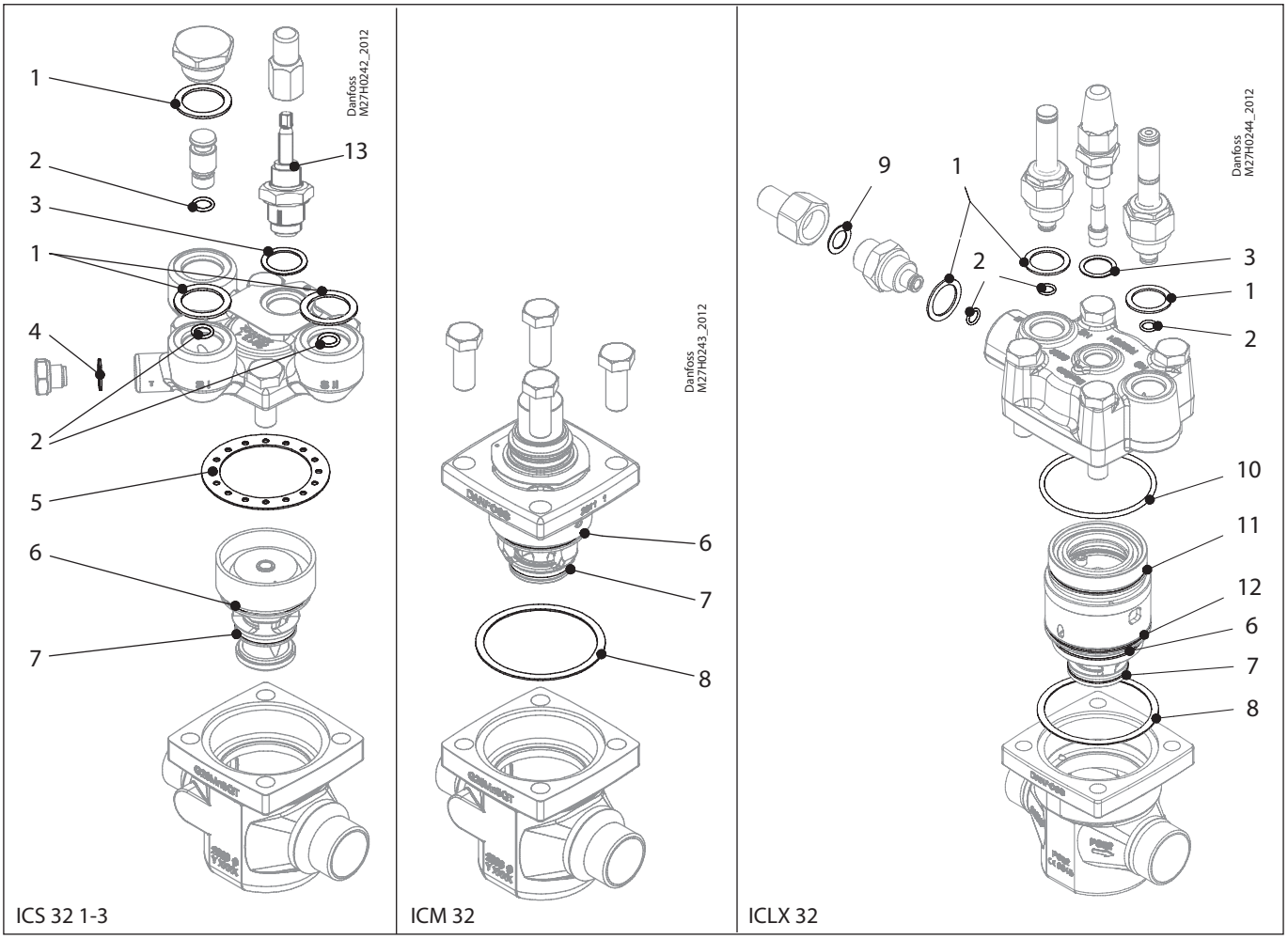
Total no. = 1

13



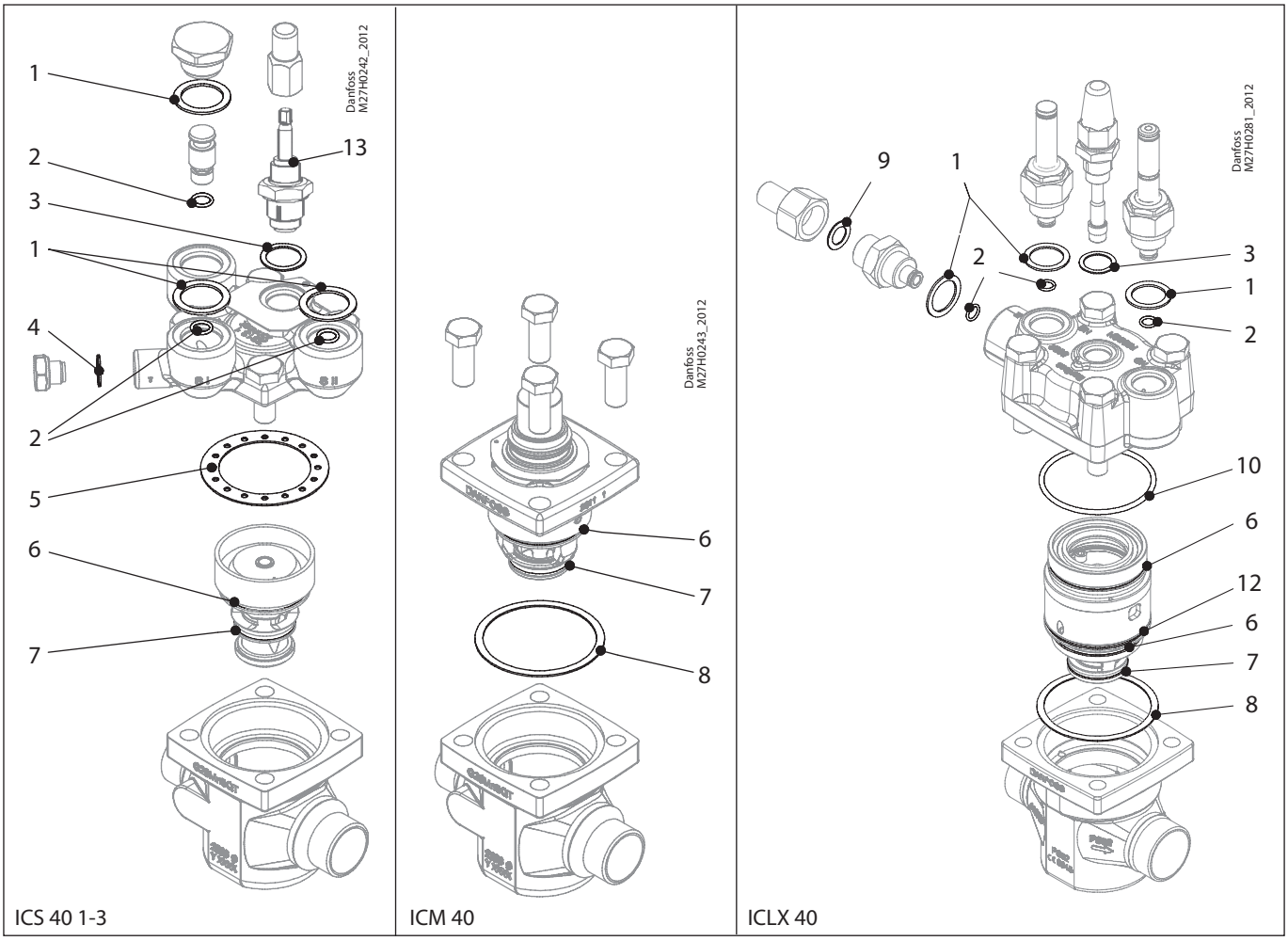
Total no. = 1

Inspection kit | Code number 027H3016
ICS, size 32 (1-3) / ICM, size 32 / ICLX, size 32



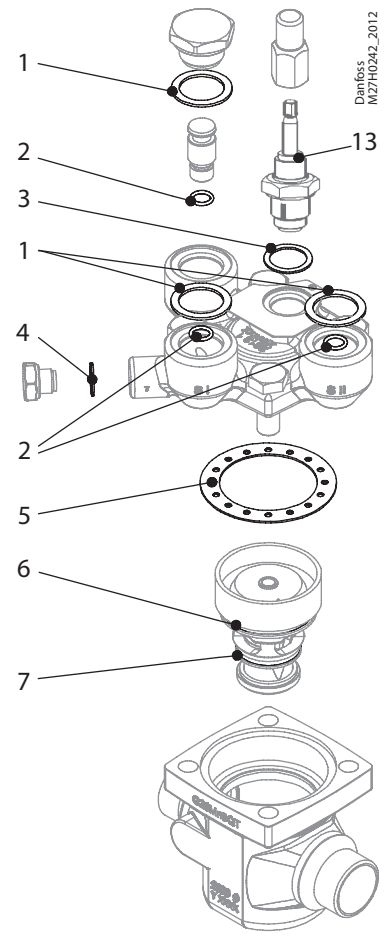
1 = Fibre Ø32.5 mm Ø1.28" Total no. = 3	**2** Ø9 mm Ø0.36" Total no. = 3	**3** = Alu. Ø26 mm Ø1.02" Total no. = 1	**4** = Alu. Ø18 mm Ø0.7" Total no. = 1	**5** = Fibre Ø86 mm Ø3.39" Total no. = 1
6 Ø58 mm Ø2.28" Total no. = 1	**7** Ø38 mm Ø1.5" Total no. = 1	**8** = Fibre Ø86 mm Ø3.39" Total no. = 1	**9** = Alu. Ø22 mm Ø0.87" Total no. = 1	**10** Ø76 mm Ø2.99" Total no. = 1
11 Ø65 mm Ø2.56" Total no. = 1	**12** Ø68 mm Ø2.68" Total no. = 1	**13** Ø9 mm Ø0.36" Total no. = 1		

Inspection kit | Code number 027H4014
ICS, size 40 (1-3) / ICM, size 40 / ICLX, size 40

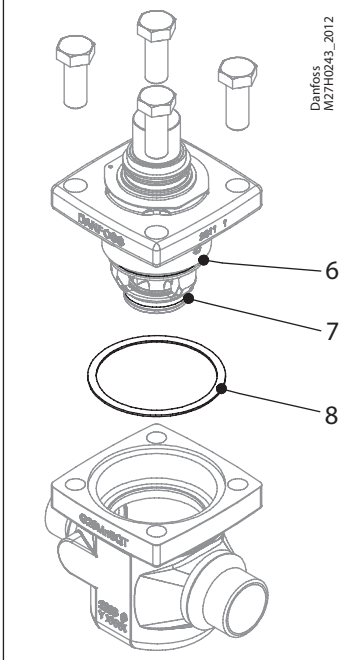


1 = Fibre Ø32.5 mm Ø1.28″ Total no. = 3	**2** Ø9 mm Ø0.36″ Total no. = 3	**3** = Alu. Ø26 mm Ø1.02″ Total no. = 1	**4** = Alu. Ø18 mm Ø0.7″ Total no. = 1	**5** = Fibre Ø94 mm Ø3.7″ Total no. = 1
6 Ø70 mm Ø2.76″ Total no. = 2	**7** Ø50 mm Ø1.97″ Total no. = 1	**8** = Fibre Ø94 mm Ø3.7″ Total no. = 1	**9** = Alu. Ø22 mm Ø0.87″ Total no. = 1	**10** Ø82 mm Ø3.23″ Total no. = 1
12 Ø76 mm Ø2.99″ Total no. = 1	**13** Ø9 mm Ø0.36″ Total no. = 1			

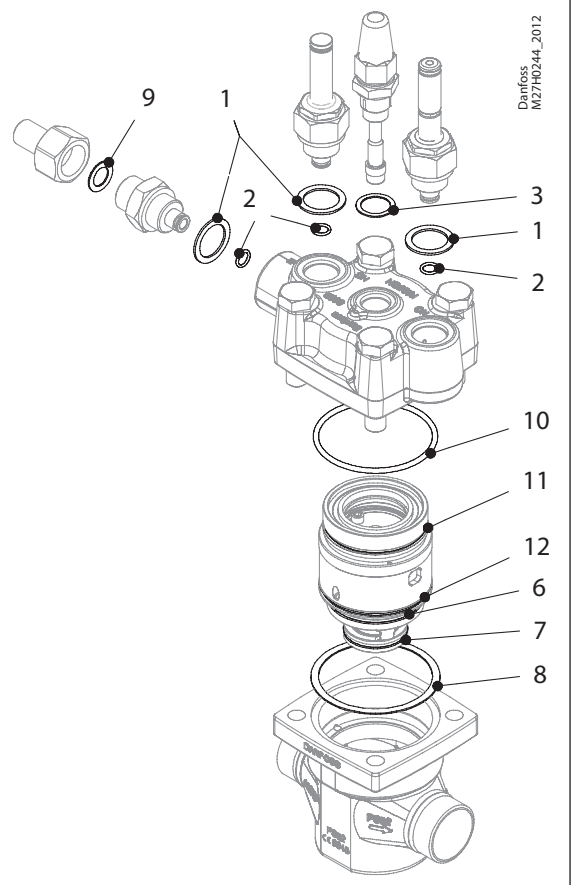
Inspection kit | Code number 027H5014
ICS, size 50 (1-3) / ICM, size 50 / ICLX, size 50



ICS 50 1-3

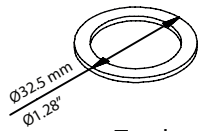


ICM 50



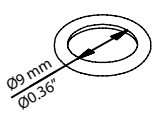
ICLX 50

1 = Fibre



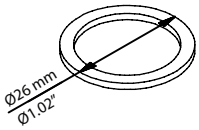
Total no. = 3

2



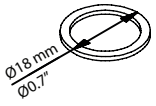
Total no. = 3

3 = Alu.



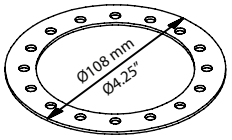
Total no. = 1

4 = Alu.



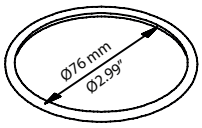
Total no. = 1

5 = Fibre



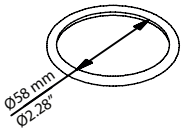
Total no. = 1

6



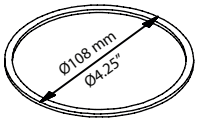
Total no. = 1

7



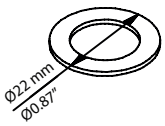
Total no. = 1

8 = Fibre



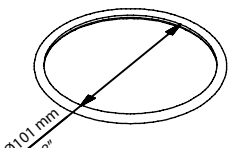
Total no. = 1

9 = Alu.



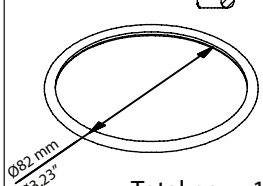
Total no. = 1

10



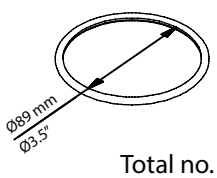
Total no. = 1

11



Total no. = 1

12



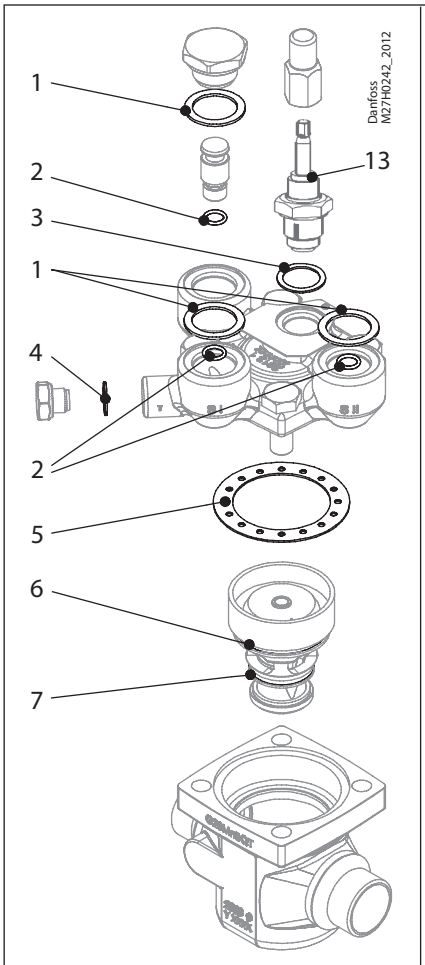
Total no. = 1

13

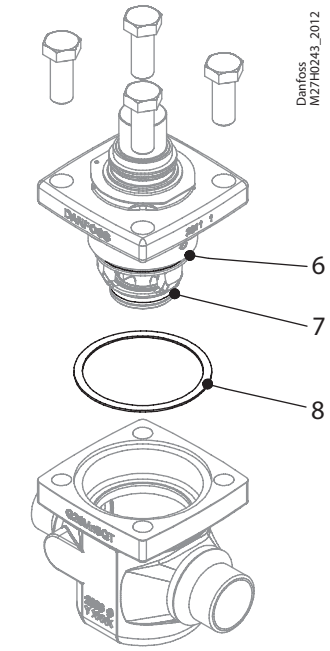


Total no. = 1

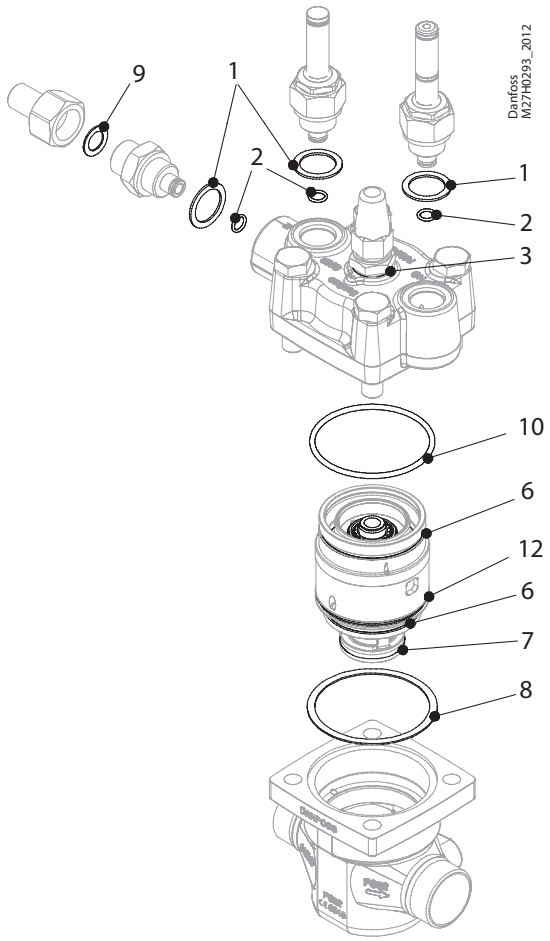
Inspection kit | Code number 027H6016
ICS, size 65/80 (1-3) / ICM, size 65 / ICLX, size 65/80



ICS 65/80 1-3

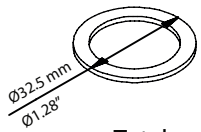


ICM 65



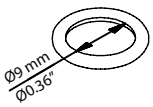
ICLX 65/80

1 = Fibre



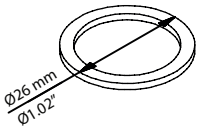
Total no. = 3

2



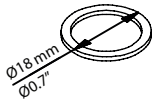
Total no. = 3

3 = Alu.



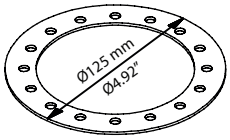
Total no. = 1

4 = Alu.



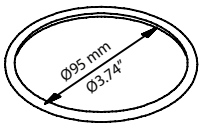
Total no. = 1

5 = Fibre



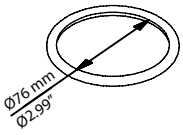
Total no. = 1

6



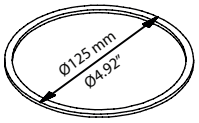
Total no. = 2

7



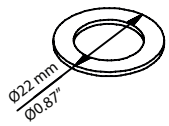
Total no. = 1

8 = Fibre



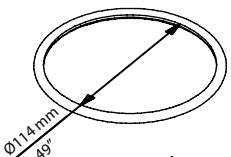
Total no. = 1

9 = Alu.



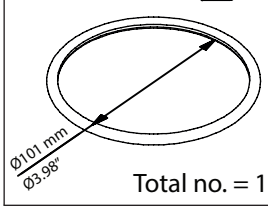
Total no. = 1

10



Total no. = 1

12



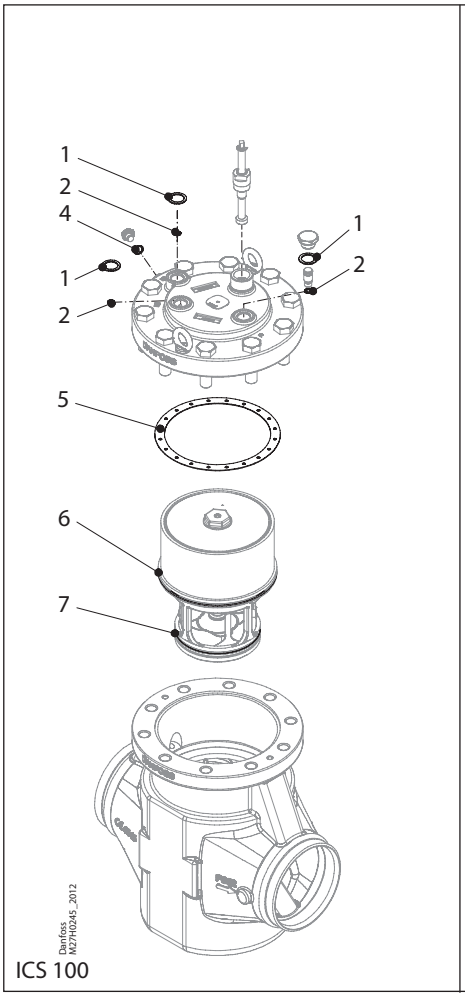
Total no. = 1

13

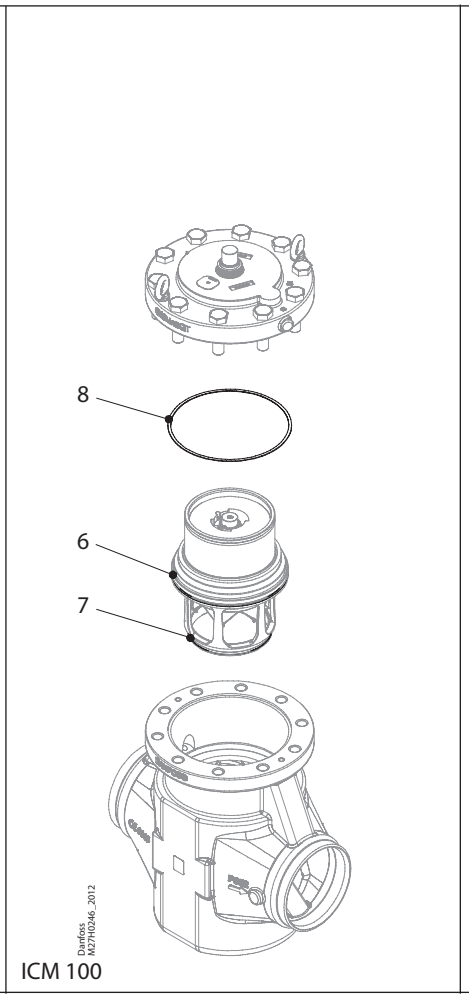


Total no. = 1

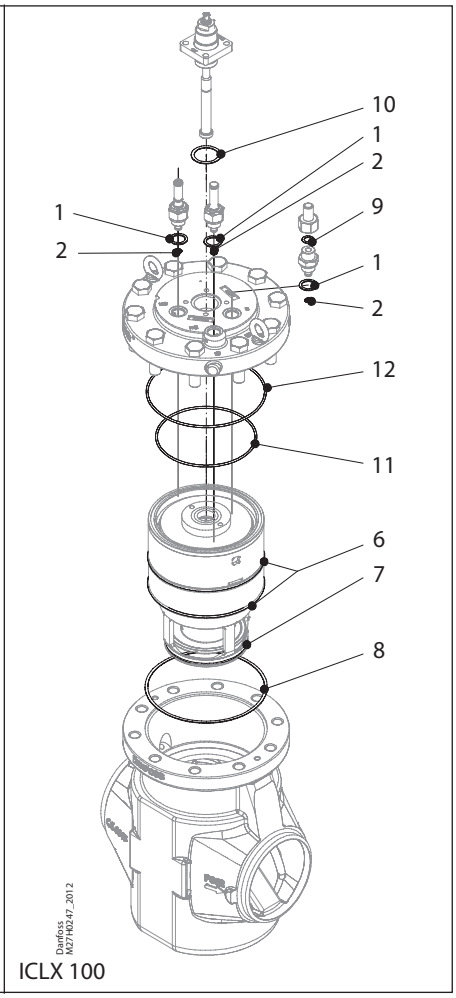
Inspection kit | Code number 027H7191
ICS, size 100 / ICM, size 100 / ICLX, size 100



ICS 100

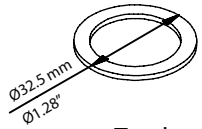


ICM 100



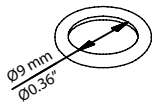
ICLX 100

1 = Fibre



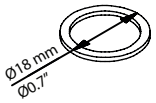
Total no. = 3

2



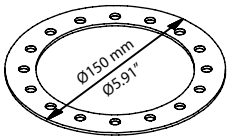
Total no. = 3

4 = Alu.



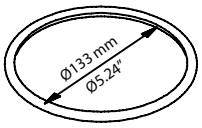
Total no. = 1

5 = Fibre



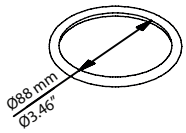
Total no. = 1

6



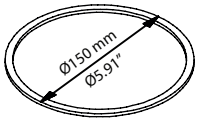
Total no. = 2

7



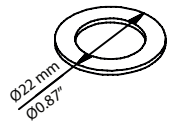
Total no. = 1

8 = Fibre



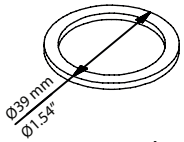
Total no. = 1

9 = Alu.



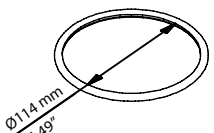
Total no. = 1

10 = Fibre



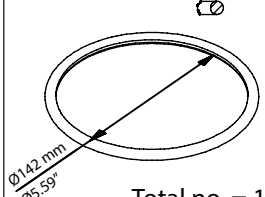
Total no. = 1

11



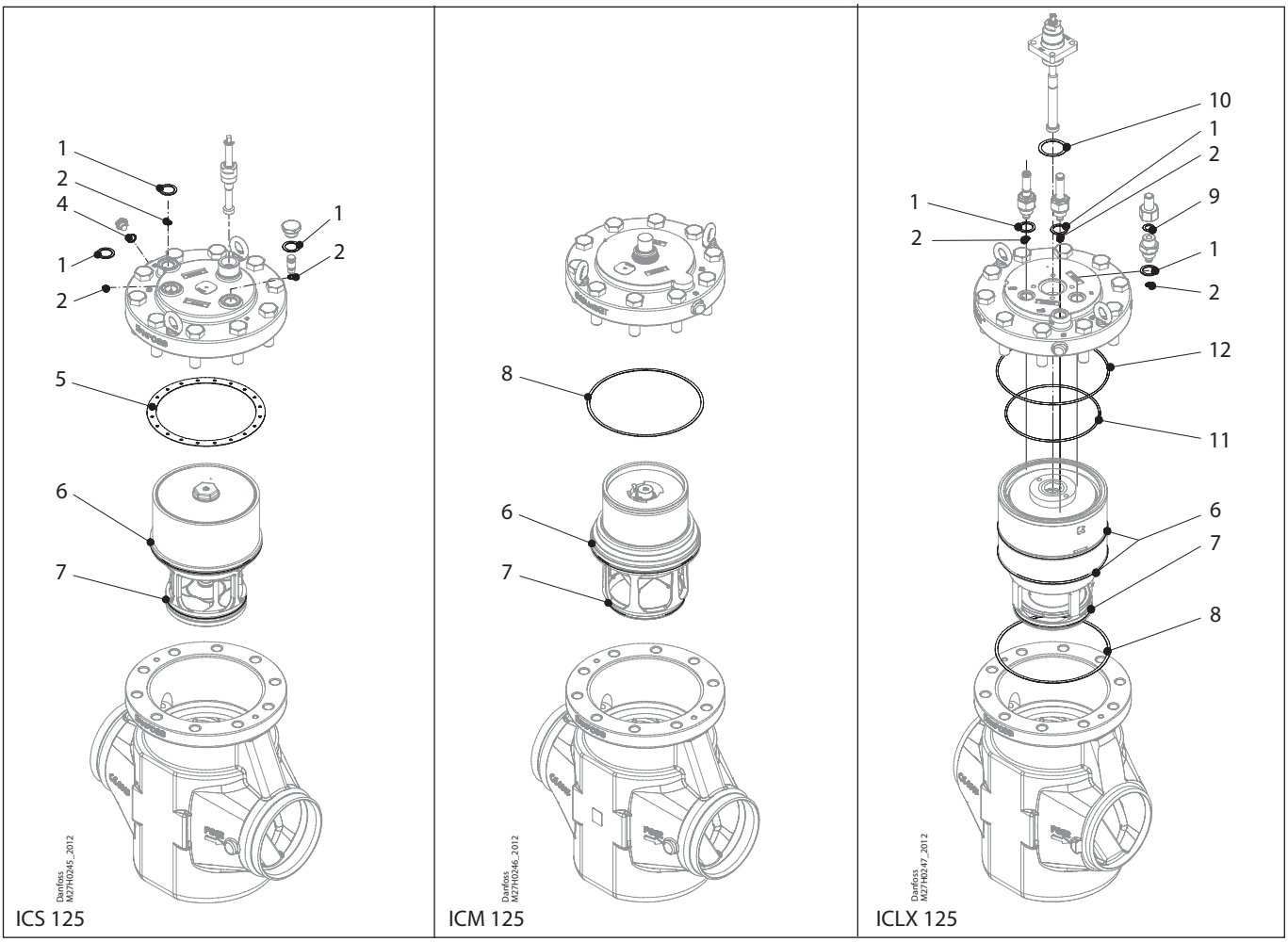
Total no. = 1

12



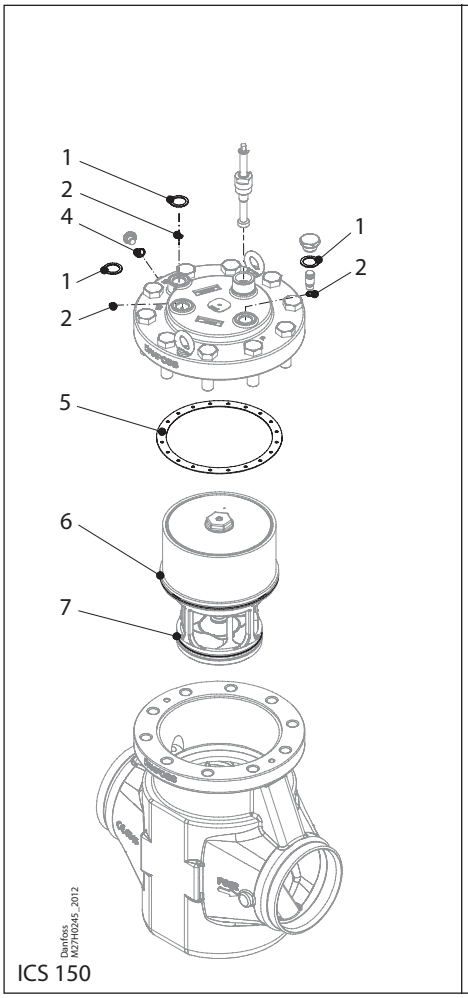
Total no. = 1

Inspection kit | Code number 027H7194
ICS, size 125 / ICM, size 125 / ICLX, size 125

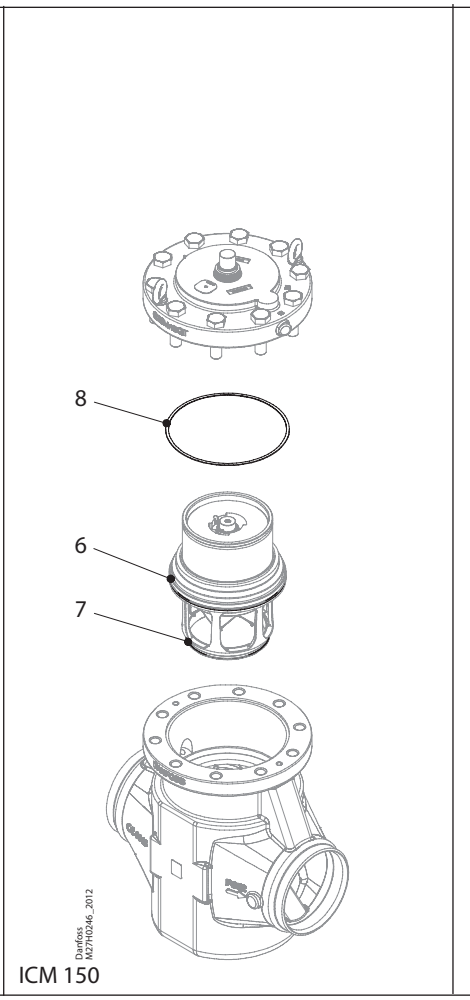


1 = Fibre Ø32.5 mm Ø1.28" Total no. = 3	**2** Ø9 mm Ø0.36" Total no. = 3	**4** = Alu. Ø18 mm Ø0.7" Total no. = 1	**5** = Fibre Ø178 mm Ø7.01" Total no. = 1	**6** Ø158 mm Ø6.22" Total no. = 2
7 Ø114 mm Ø4.49" Total no. = 1	**8** = Fibre Ø178mm Ø7.01" Total no. = 1	**9** = Alu. Ø22 mm Ø0.87" Total no. = 1	**10** = Fibre Ø54 mm Ø2.13" Total no. = 1	**11** Ø133 mm Ø5.24 Total no. = 1
12 Ø165 mm Ø6.5" Total no. = 1				

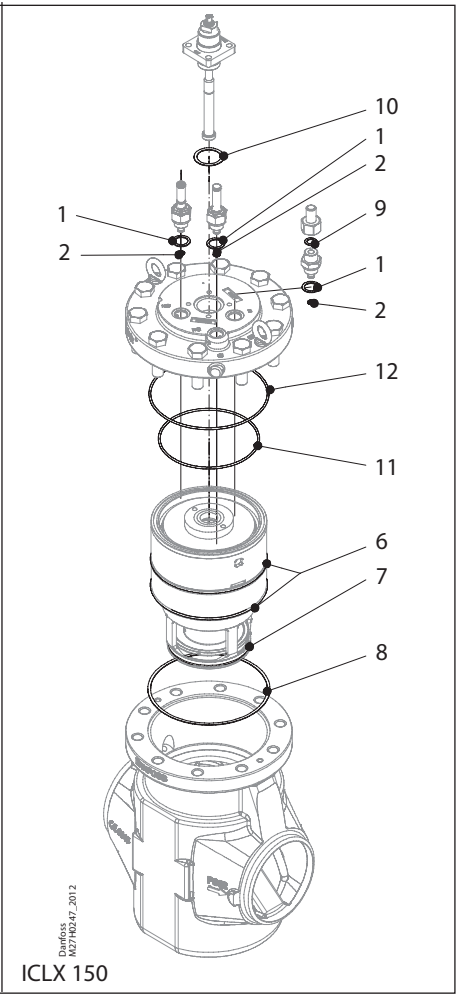
Inspection kit | Code number 027H7196
ICS, size 150 / ICM, size 150 / ICLX, size 150



ICS 150

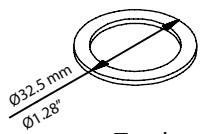


ICM 150



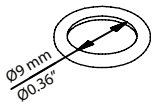
ICLX 150

1 = Fibre



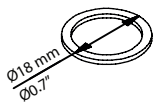
Total no. = 3

2



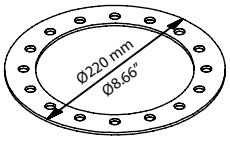
Total no. = 3

4 = Alu.



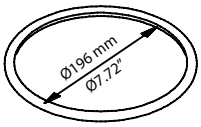
Total no. = 1

5 = Fibre



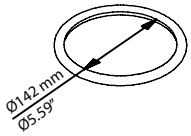
Total no. = 1

6



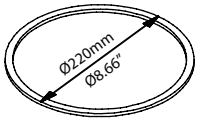
Total no. = 2

7



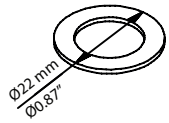
Total no. = 1

8 = Fibre



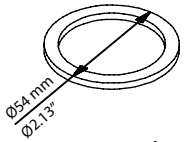
Total no. = 1

9 = Alu.



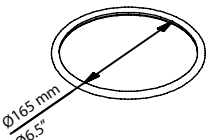
Total no. = 1

10 = Fibre



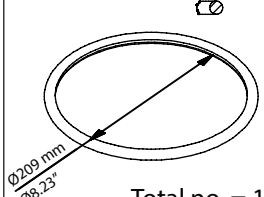
Total no. = 1

11



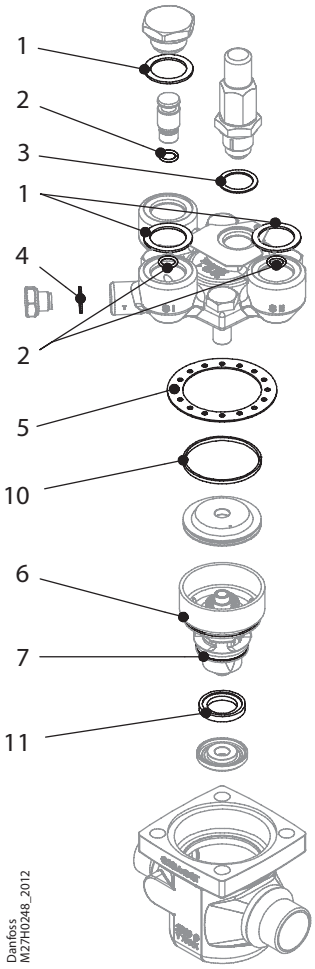
Total no. = 1

12



Total no. = 1

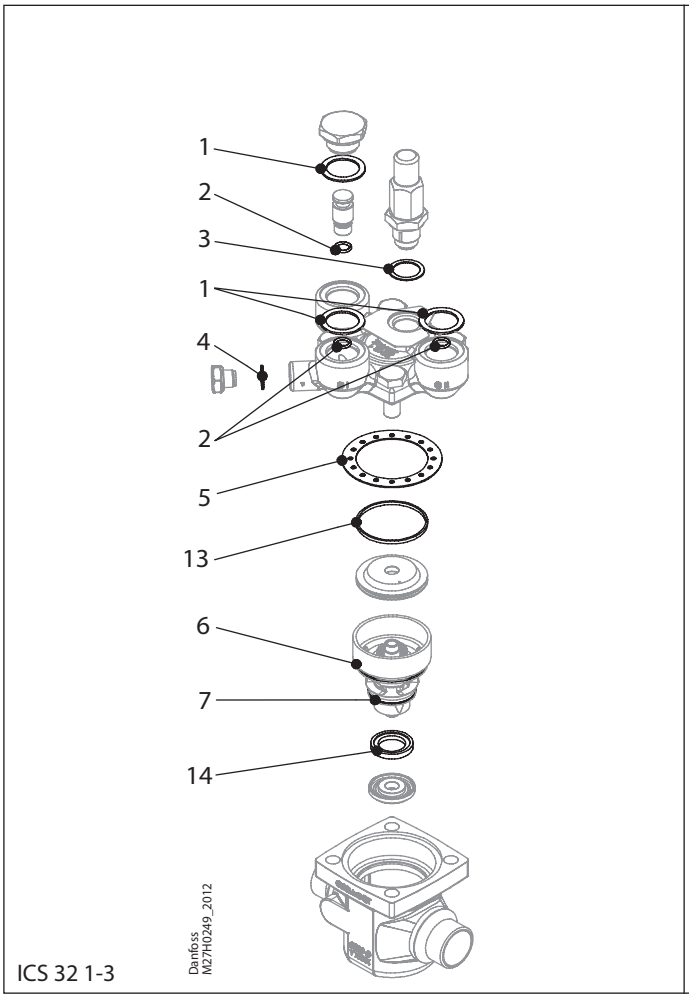
Repair kit | Code number 027H2219
ICS, size 25-5 to 25-25



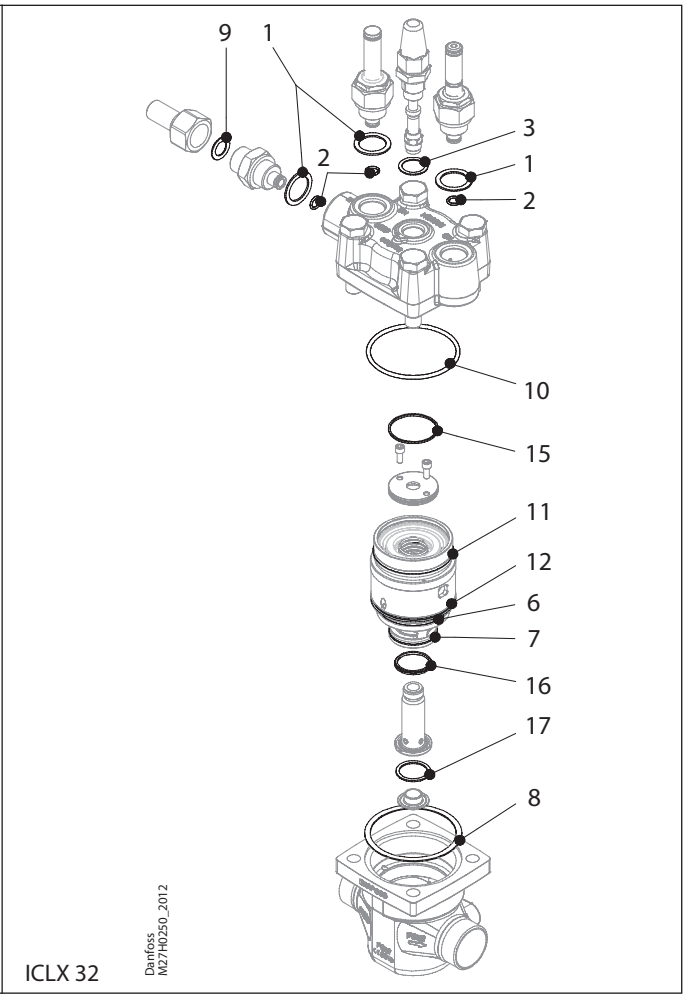
ICS 25-5 (1-3) / 25-25 (1-3)

1 = Fibre Ø32.5 mm Ø1.28" Total no. = 3	**2** Ø9 mm Ø0.36" Total no. = 3	**3** = Alu. Ø26 mm Ø1.02" Total no. = 1	**4** = Alu. Ø18 mm Ø0.7" Total no. = 1	**5** = Fibre Ø73 mm Ø2.87" Total no. = 1
6 Ø46 mm Ø1.81" Total no. = 1	**7** Ø30 mm Ø1.18" Total no. = 1	**10** = Steel Ø52 mm Ø2.06" Total no. = 1	**11** Ø31 mm Ø1.21" Total no. = 1	

Repair kit | Code number 027H3017
ICS, size 32 (1-3) / ICLX, size 32



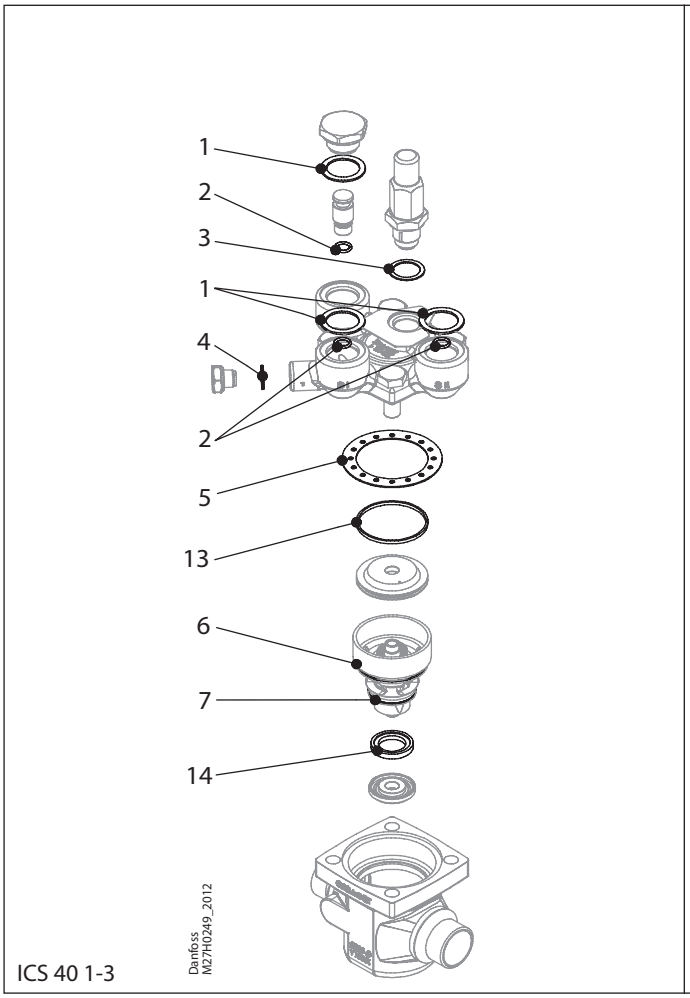
ICS 32 1-3



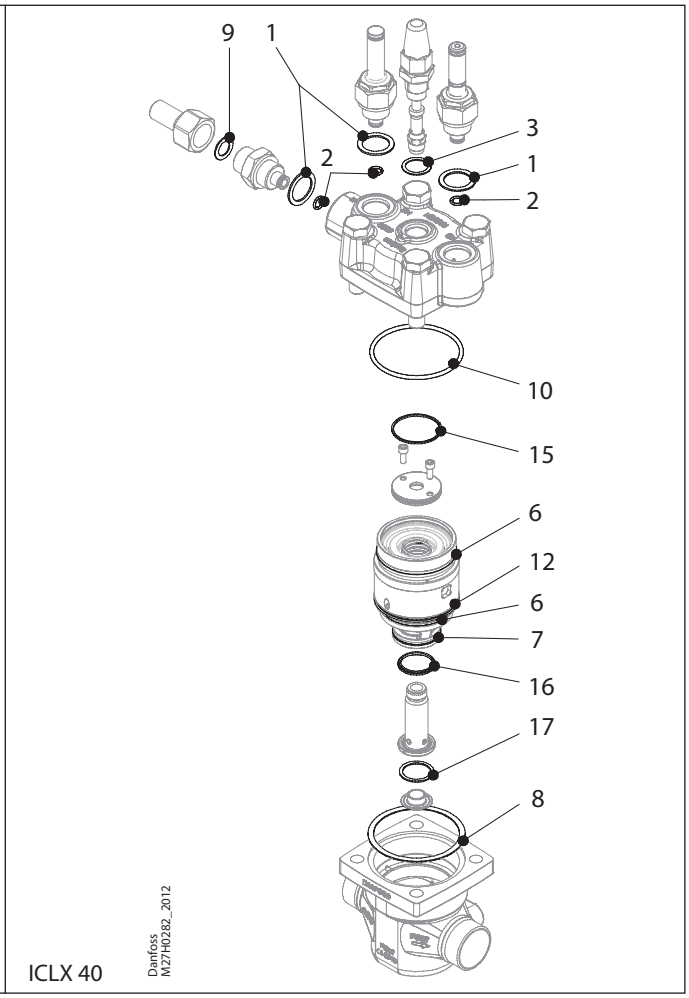
ICLX 32

1 = Fibre Ø32.5 mm Ø1.28" Total no. = 3	**2** Ø9 mm Ø0.36" Total no. = 3	**3** = Alu. Ø26 mm Ø1.02" Total no. = 1	**4** = Alu. Ø18 mm Ø0.7" Total no. = 1	**5** = Fibre Ø86 mm Ø3.39" Total no. = 1	**6** Ø58 mm Ø2.3" Total no. = 1
7 Ø38 mm Ø1.5" Total no. = 1	**8** = Fibre Ø86 mm Ø3.39" Total no. = 1	**9** = Alu. Ø22 mm Ø0.87" Total no. = 1	**10** Ø76 mm Ø2.99" Total no. = 1	**11** Ø65 mm Ø2.56" Total no. = 1	**12** Ø68 mm Ø2.68" Total no. = 1
13 = Steel Ø60 mm Ø2.37" Total no. = 1	**14** = PTFE Ø38 mm Ø1.5" Total no. = 1	**15** = Steel Ø44 mm Ø1.73" Total no. = 1	**16** = PTFE Ø33 mm Ø1.3" Total no. = 1	**17** = PTFE Ø31 mm Ø1.20" Total no. = 1	

Repair kit | Code number 027H4015
ICS, size 40 (1-3) / ICLX, size 40



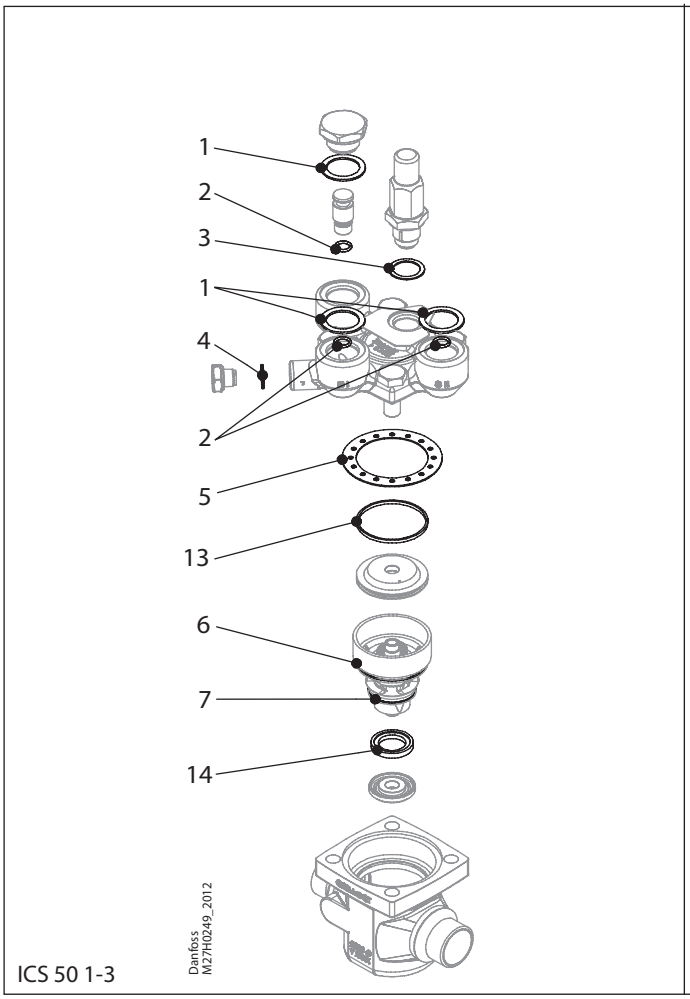
ICS 40 1-3



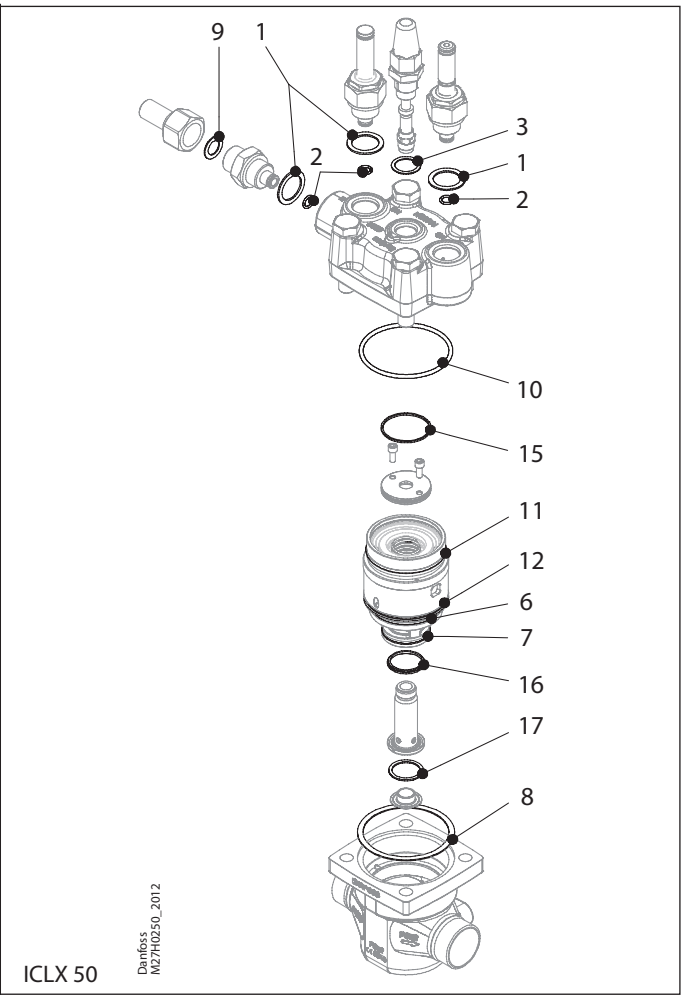
ICLX 40

1 = Fibre Ø32.5 mm Ø1.28" Total no. = 3	**2** Ø9 mm Ø0.36" Total no. = 3	**3** = Alu. Ø26 mm Ø1.02" Total no. = 1	**4** = Alu. Ø18 mm Ø0.7" Total no. = 1	**5** = Fibre Ø94 mm Ø3.7" Total no. = 1	**6** Ø70 mm Ø2.76" Total no. = 2
7 Ø50 mm Ø1.98" Total no. = 1	**8** = Fibre Ø94 mm Ø3.7" Total no. = 1	**9** = Alu. Ø22 mm Ø0.87" Total no. = 1	**10** Ø82mm Ø3.23" Total no. = 1	**12** Ø76 mm Ø2.99" Total no. = 1	**13** = Steel Ø68 mm Ø2.69" Total no. = 1
14 = PTFE Ø48 mm Ø1.89" Total no. = 1	**15** = Steel Ø50 mm Ø1.97" Total no. = 1	**16** = PTFE Ø37 mm Ø1.44" Total no. = 1	**17** = PTFE Ø34 mm Ø1.34" Total no. = 1		

Repair kit | Code number 027H5015
ICS, size 50 (1-3) / ICLX, size 50



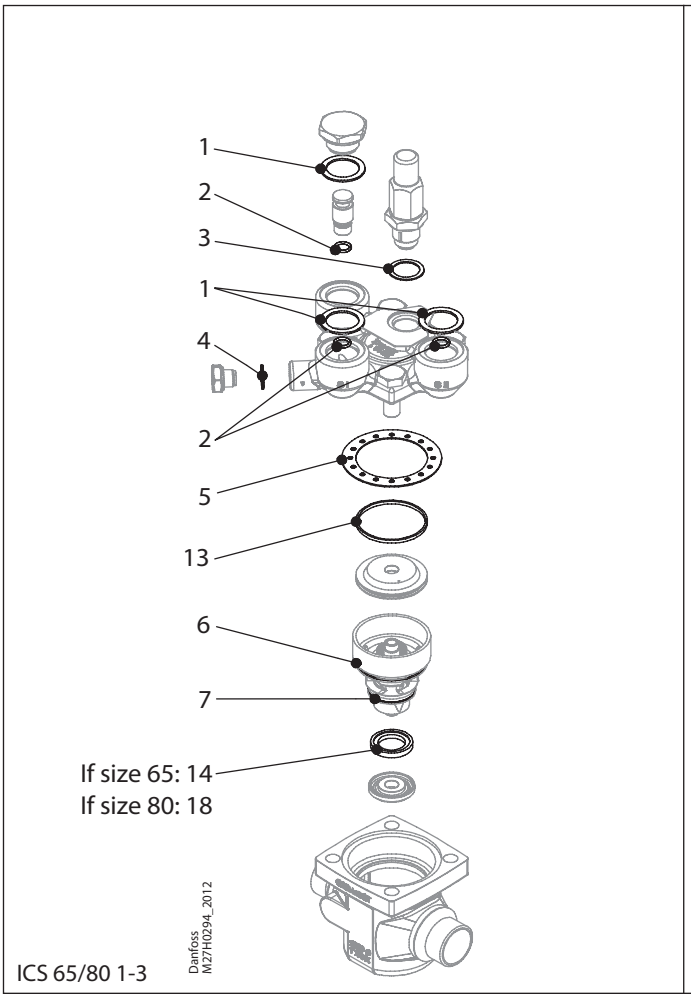
ICS 50 1-3



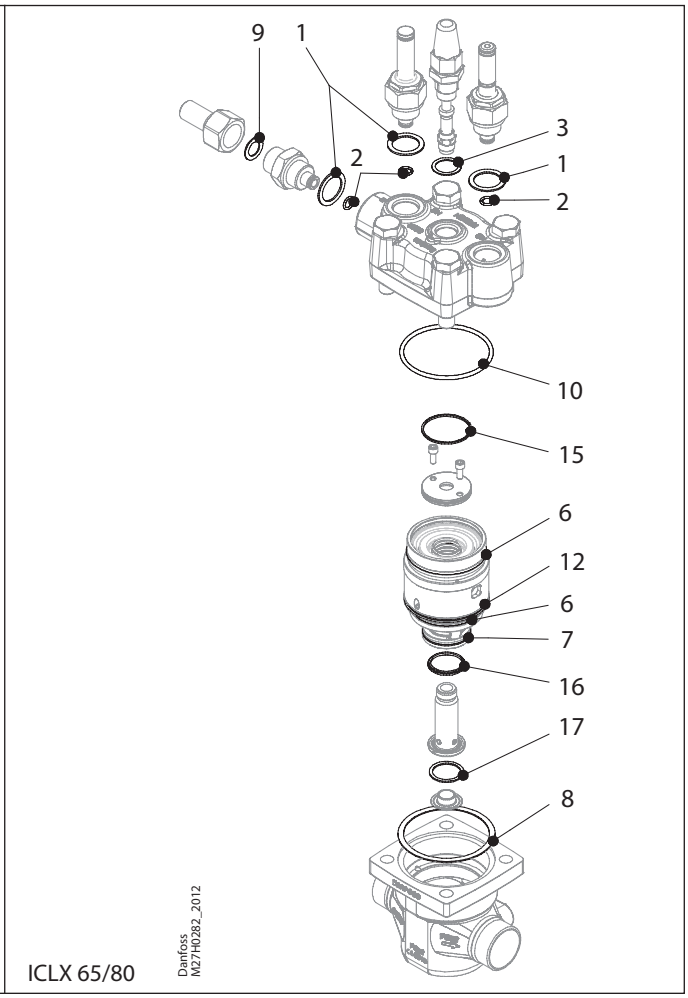
ICLX 50

1 = Fibre Ø32.5 mm Ø1.28" Total no. = 3	**2** Ø9 mm Ø0.36" Total no. = 3	**3** = Alu. Ø26 mm Ø1.02" Total no. = 1	**4** = Alu. Ø18 mm Ø0.7" Total no. = 1	**5** = Fibre Ø108 mm Ø4.25" Total no. = 1	**6** Ø56mm Ø2.99" Total no. = 1
7 Ø58 mm Ø2.28" Total no. = 1	**8** = Fibre Ø108 mm Ø4.25" Total no. = 1	**9** = Alu. Ø22 mm Ø0.87" Total no. = 1	**10** Ø101 mm Ø3.98" Total no. = 1	**11** Ø82 mm Ø3.23" Total no. = 1	**12** Ø89 mm Ø3.5" Total no. = 1
13 = Steel Ø80 mm Ø3.15" Total no. = 1	**14** = PTFE Ø56 mm Ø2.2" Total no. = 1	**15** = Steel Ø60 mm Ø2.36" Total no. = 1	**16** = PTFE Ø46 mm Ø1.79" Total no. = 1	**17** = PTFE Ø43 mm Ø1.69" Total no. = 1	

Repair kit | Code number 027H6017
ICS, size 65/80 (1-3) / ICLX, size 65/80



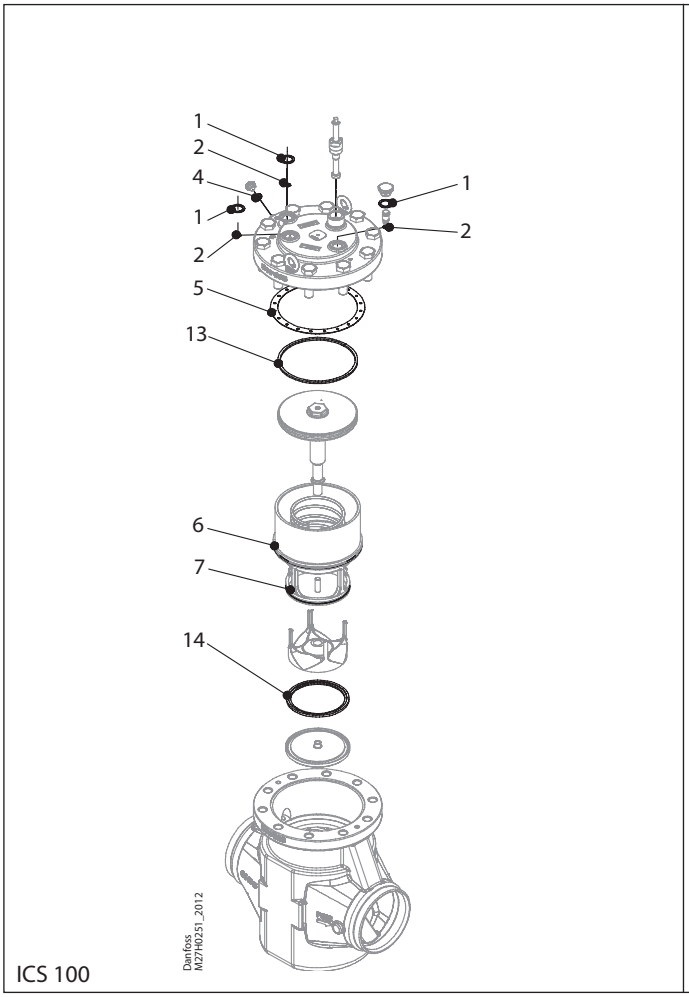
ICS 65/80 1-3



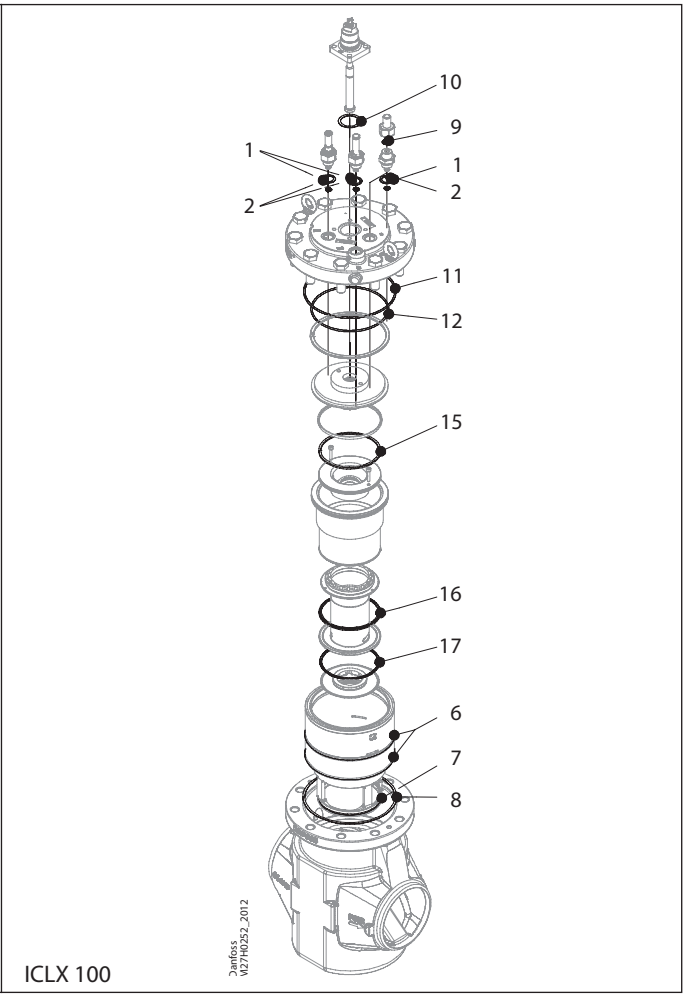
ICLX 65/80

1 = Fibre Ø32.5 mm Ø1.28" Total no. = 3	**2** Ø9 mm Ø0.36" Total no. = 3	**3** = Alu. Ø26 mm Ø1.02" Total no. = 1	**4** = Alu. Ø18 mm Ø0.7" Total no. = 1	**5** = Fibre Ø125 mm Ø4.92" Total no. = 1	**6** Ø95 mm Ø3.74" Total no. = 2
7 Ø76 mm Ø2.99" Total no. = 1	**8** = Fibre Ø125 mm Ø4.92" Total no. = 1	**9** = Alu. Ø22 mm Ø0.87" Total no. = 1	**10** Ø114mm Ø4.49" Total no. = 1	**12** Ø101 mm Ø3.98" Total no. = 1	**13** = Steel Ø100 mm Ø3.94" Total no. = 1
14 = PTFE Ø71.5 mm Ø2.81" Total no. = 1	**15** = Steel Ø68 mm Ø2.6" Total no. = 1	**16** = PTFE Ø58 mm Ø2.3" Total no. = 1	**17** = PTFE Ø56 mm Ø2.2" Total no. = 1	**18** Ø77.5 mm Ø3.05" Total no. = 1	

Repair kit | Code number 027H7192
ICS, size 100 / ICLX, size 100



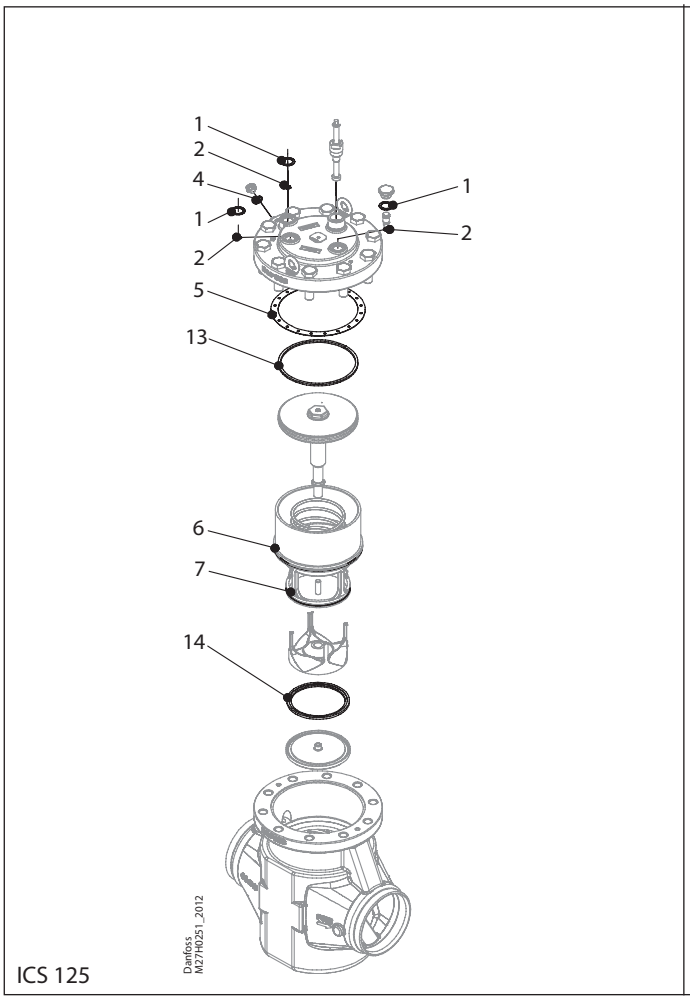
ICS 100



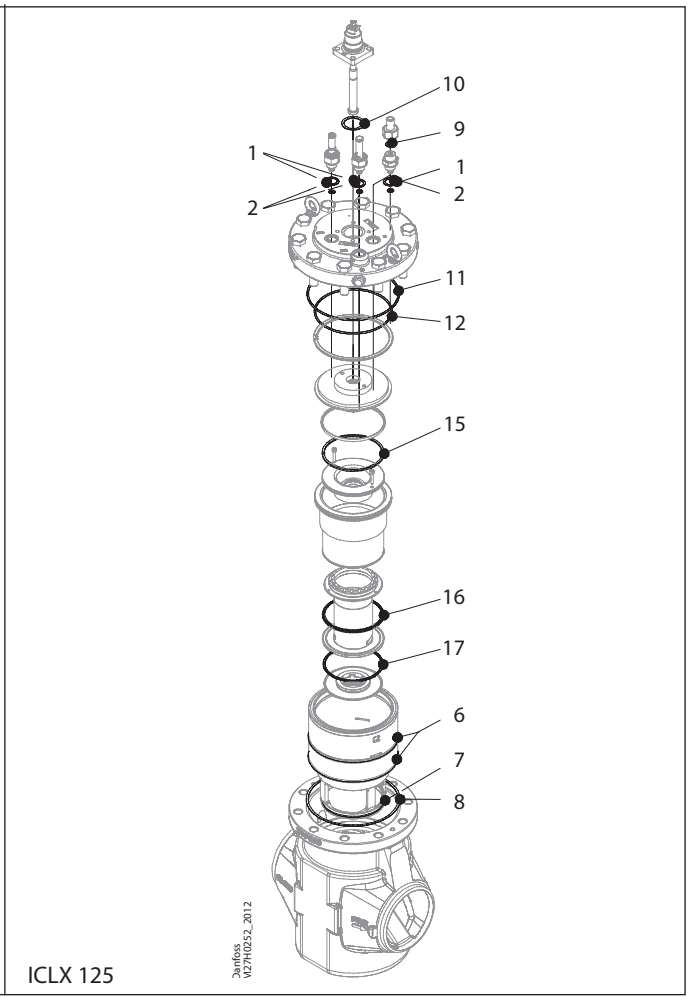
ICLX 100

1 = Fibre Ø32.5 mm Ø1.28" Total no. = 3	**2** Ø9 mm Ø0.36" Total no. = 3	**4** = Alu. Ø18 mm Ø0.7" Total no. = 1	**5** = Fibre Ø150 mm Ø5.91" Total no. = 1	**6** Ø133mm Ø5.24" Total no. = 2	**7** Ø88 mm Ø3.46" Total no. = 1
8 = Fibre Ø150 mm Ø5.91" Total no. = 1	**9** = Alu. Ø22 mm Ø0.87" Total no. = 1	**10** = Fibre Ø39 mm Ø1.54" Total no. = 1	**11** Ø114 mm Ø4.5" Total no. = 1	**12** Ø142 mm Ø5.59" Total no. = 1	**13** = Steel Ø120 mm Ø4.72" Total no. = 1
14 = PTFE Ø90 mm Ø3.54" Total no. = 1	**15** = Steel Ø100 mm Ø3.94" Total no. = 1	**16** = PTFE Ø88 mm Ø3.46" Total no. = 1	**17** = PTFE Ø85 mm Ø3.33" Total no. = 1		

Repair kit | Code number 027H7204
ICS, size 125 / ICLX, size 125



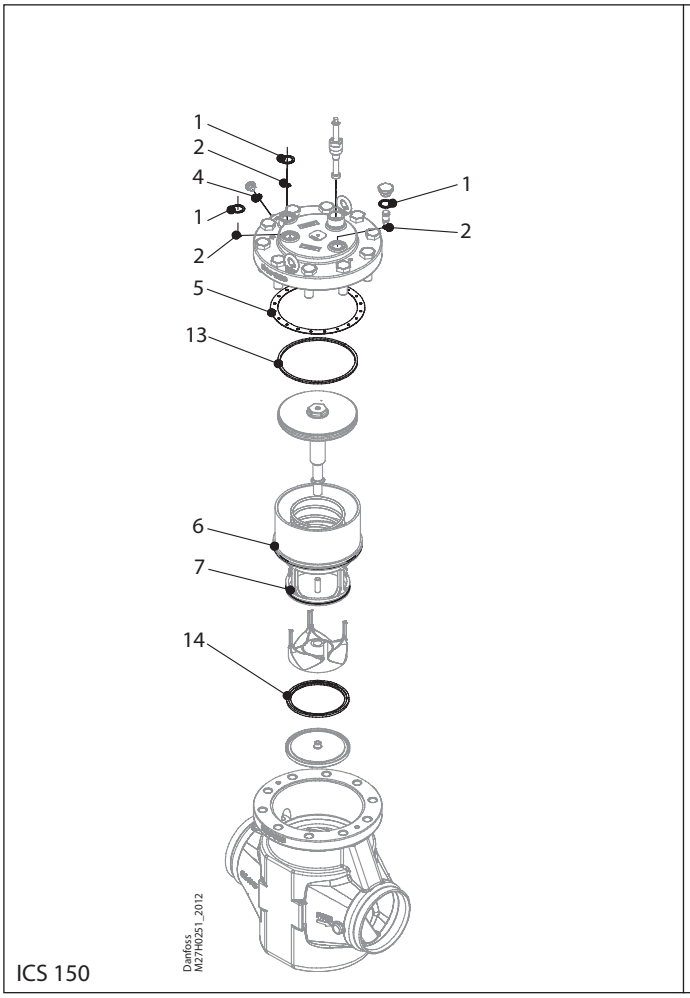
ICS 125



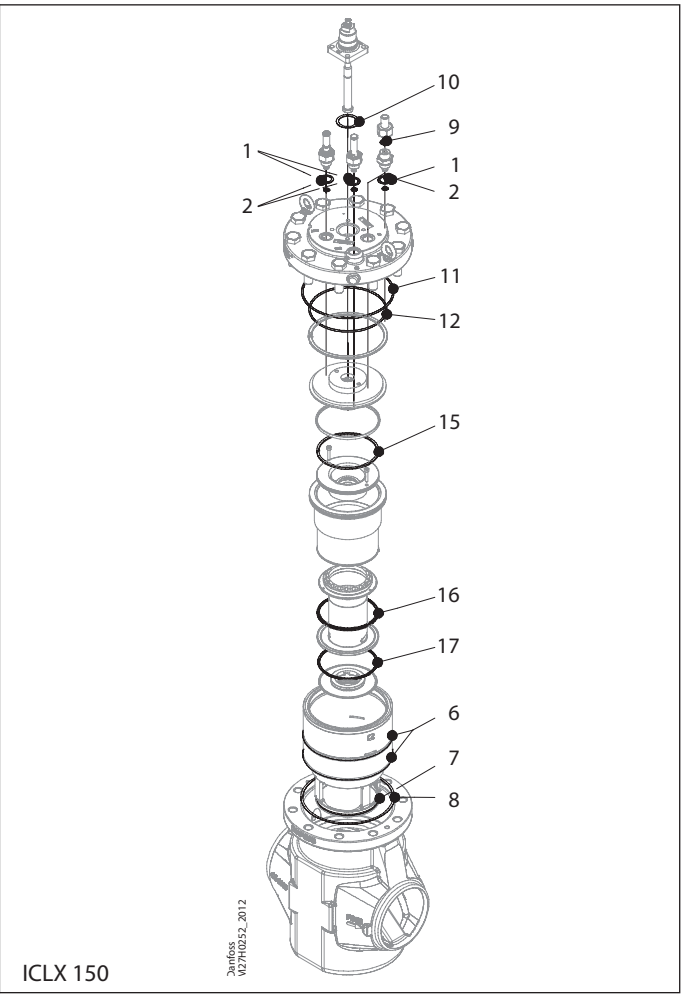
ICLX 125

1 = Fibre Ø32.5 mm Ø1.28" Total no. = 3	**2** Ø9 mm Ø0.36" Total no. = 3	**4** = Alu. Ø18 mm Ø0.7" Total no. = 1	**5** = Fibre Ø178 mm Ø7.01" Total no. = 1	**6** Ø158 mm Ø6.22" Total no. = 2	**7** Ø114 mm Ø4.49" Total no. = 1
8 = Fibre Ø178 mm Ø7.01" Total no. = 1	**9** = Alu. Ø22 mm Ø0.87" Total no. = 1	**10** = Fibre Ø54 mm Ø2.13" Total no. = 1	**11** Ø133 mm Ø5.24" Total no. = 1	**12** Ø165 mm Ø6.5" Total no. = 1	**13** = Steel Ø145 mm Ø5.71" Total no. = 1
14 = PTFE Ø112 mm Ø4.39" Total no. = 1	**15** = Steel Ø120 mm Ø4.72" Total no. = 1	**16** = PTFE Ø114 mm Ø4.49" Total no. = 1	**17** = PTFE Ø110 mm Ø4.33" Total no. = 1		

Repair kit | Code number 027H7197
ICS, size 150 / ICLX, size 150



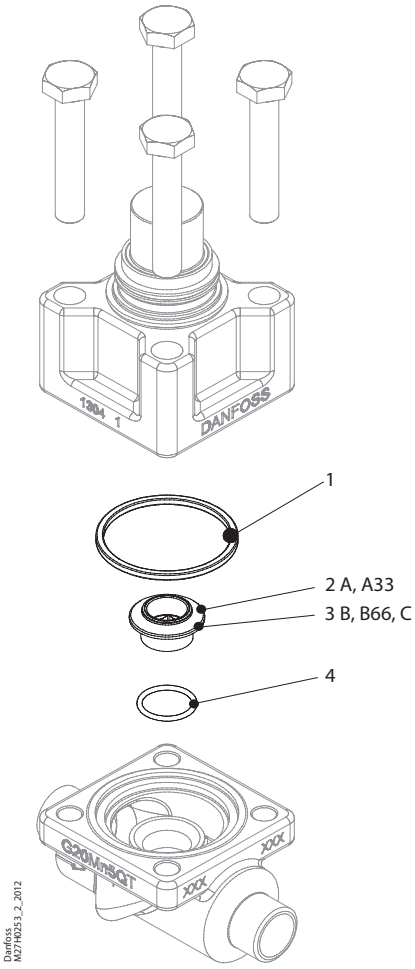
ICS 150



ICLX 150

1 = Fibre Ø32.5 mm Ø1.28" Total no. = 3	**2** Ø9 mm Ø0.36" Total no. = 3	**4** = Alu. Ø18 mm Ø0.7" Total no. = 1	**5** = Fibre Ø220 mm Ø8.66" Total no. = 1	**6** Ø196 mm Ø7.72" Total no. = 2	**7** Ø142 mm Ø5.59" Total no. = 1
8 = Fibre Ø220 mm Ø8.66" Total no. = 1	**9** = Alu. Ø22 mm Ø0.87" Total no. = 1	**10** = Fibre Ø54 mm Ø2.13" Total no. = 1	**11** Ø165 mm Ø6.5" Total no. = 1	**12** Ø209 mm Ø8.23" Total no. = 1	**13** = Steel Ø186 mm Ø7.32" Total no. = 1
14 = PTFE Ø146 mm Ø5.75" Total no. = 1	**15** = Steel Ø145 mm Ø5.71" Total no. = 1	**16** = PTFE Ø144 mm Ø5.67" Total no. = 1	**17** = PTFE Ø140 mm Ø5.51" Total no. = 1		

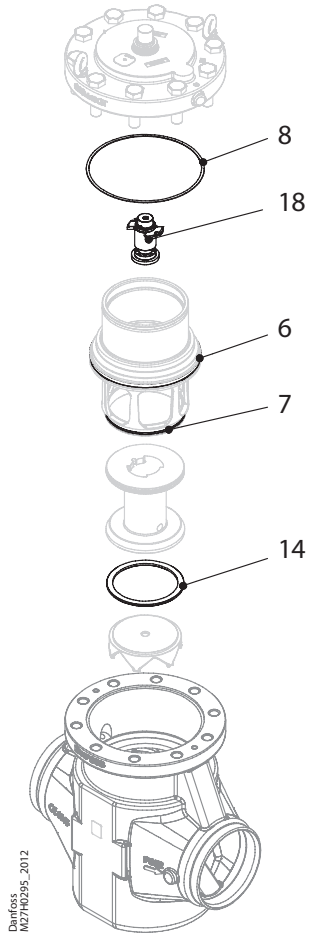
Repair kit | Code number 027H1190
ICM, size 20 (20A / 20A-33 / 20B / 20B-66 / 20C)



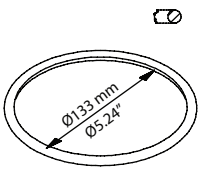
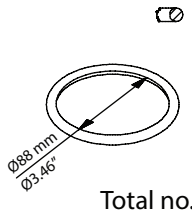
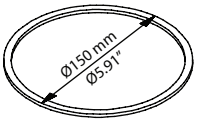
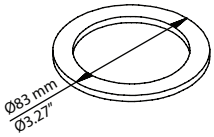
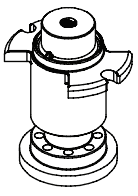
ICM 20

1	2	3	4	
= Rubber Ø49 mm Ø1.93" Total no. = 1	Ø5.5 mm Ø0.22" Total no. = 1	Ø14 mm Ø0.55" Total no. = 1	Ø17 mm Ø0.67" Total no. = 1	

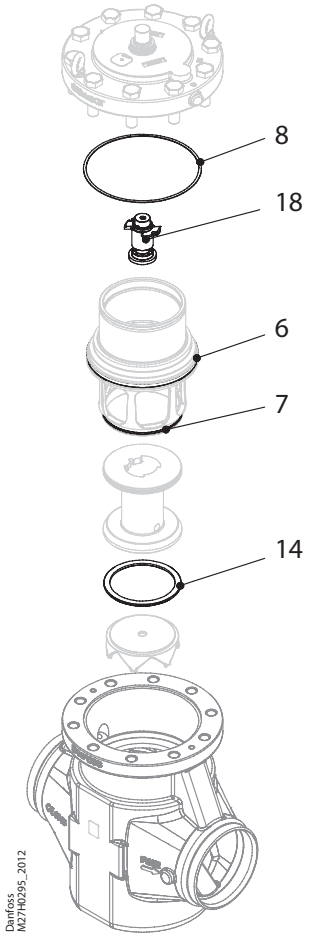
Repair kit | Code number 027H7135
ICM, size 100



ICM 100

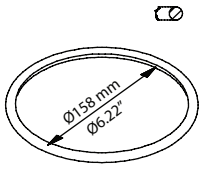
6	7	8	14	18
		= Fibre 	= PTFE 	
Total no. = 1	Total no. = 1	Total no. = 1	Total no. = 1	Total no. = 1

Repair kit | Code number 027H7155
ICM, size 125



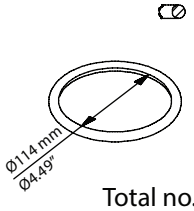
ICM 125

6



Total no. = 1

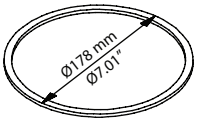
7



Total no. = 1

8

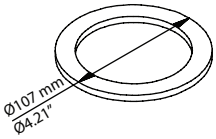
= Fibre



Total no. = 1

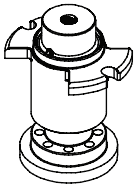
14

= PTFE



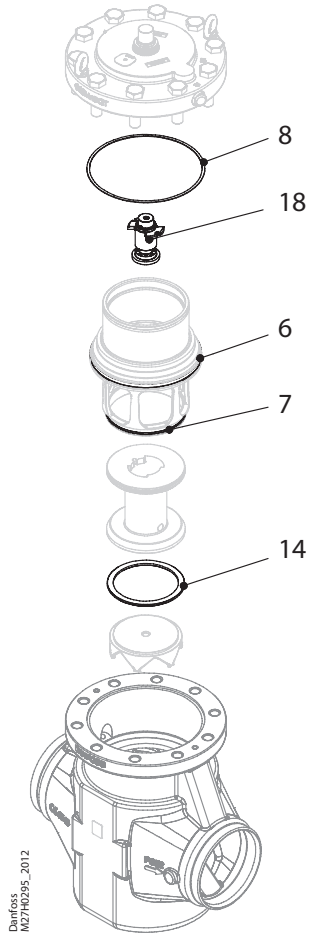
Total no. = 1

18

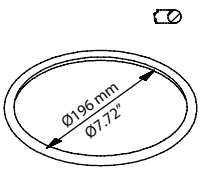
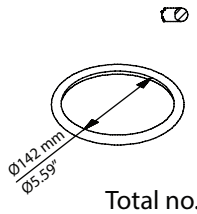
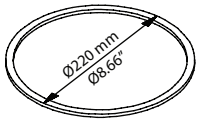
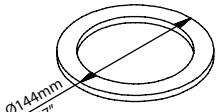
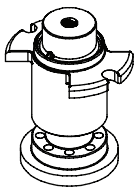


Total no. = 1

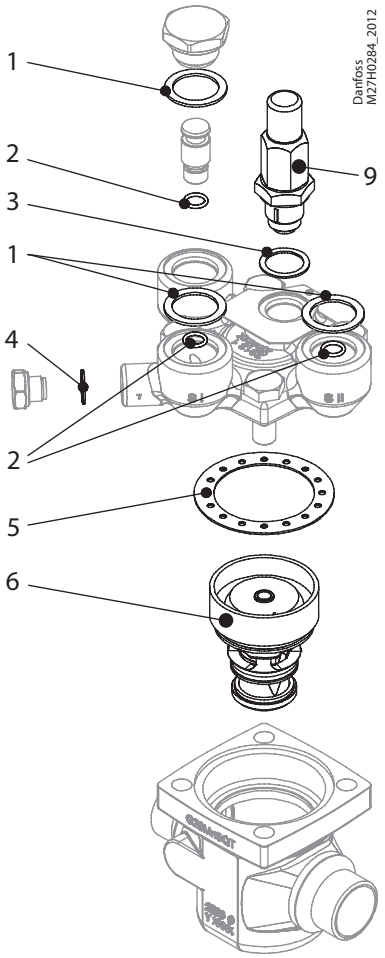
Repair kit | Code number 027H7175
ICM, size 150



ICM 150

6	7	8	14	18
 Total no. = 1	 Total no. = 1	= Fibre  Total no. = 1	= PTFE  Total no. = 1	 Total no. = 1

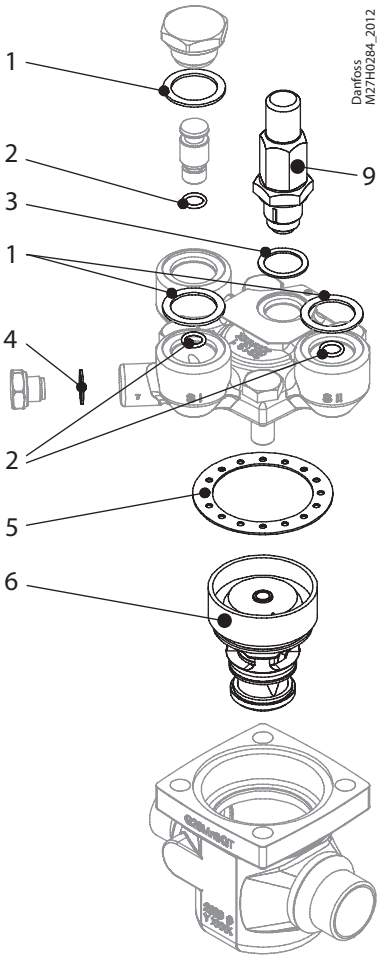
Overhaul kit | Code number 027H2225
ICS, size 25-5



ICS 25-5

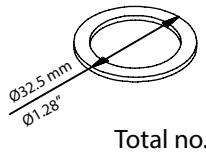
1 = Fibre Ø32.5 mm Ø1.28" Total no. = 3	**2** Ø9 mm Ø0.36" Total no. = 3	**3** = Alu. Ø26 mm Ø1.02" Total no. = 1	**4** = Alu. Ø18 mm Ø0.7" Total no. = 1	**5** = Fibre Ø73 mm Ø2.87" Total no. = 1
6 Ø57 mm Ø2.24" Total no. = 1	**9** Total no. = 1			

Overhaul kit | Code number 027H2138
ICS, size 25-10



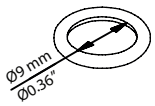
ICS 25-10

1 = Fibre



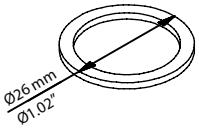
Total no. = 3

2



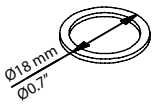
Total no. = 3

3 = Alu.



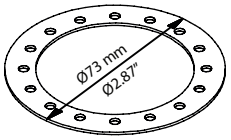
Total no. = 1

4 = Alu.



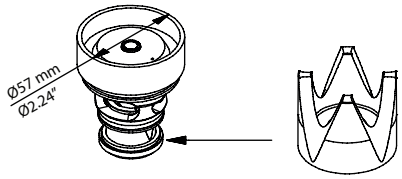
Total no. = 1

5 = Fibre



Total no. = 1

6



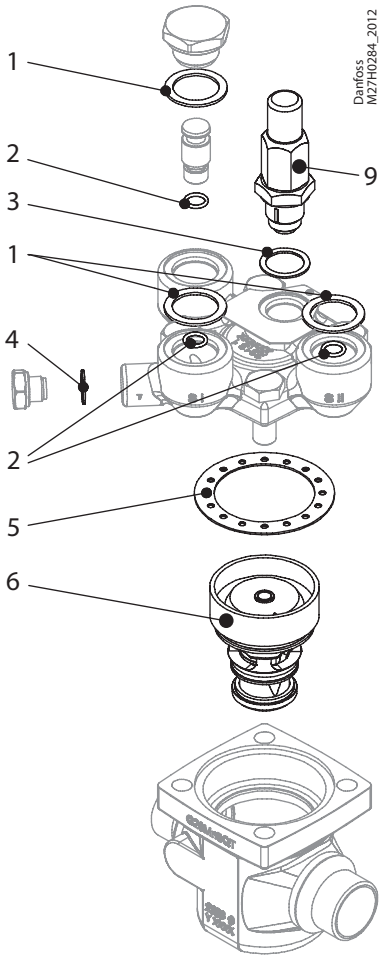
Total no. = 1

9



Total no. = 1

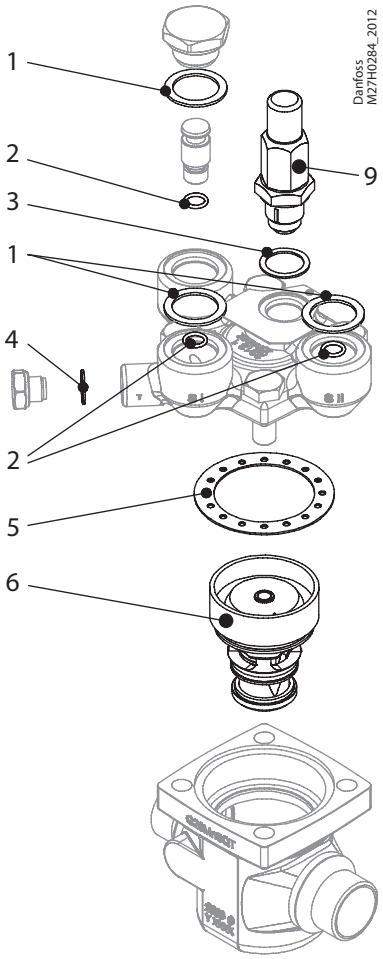
Overhaul kit | Code number 027H3019
ICS, size 25-15



ICS 25-15

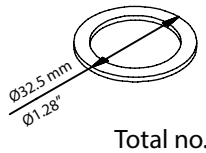
1 = Fibre Ø32.5 mm Ø1.28" Total no. = 3	**2** Ø9 mm Ø0.36" Total no. = 3	**3** = Alu. Ø26 mm Ø1.02" Total no. = 1	**4** = Alu. Ø18 mm Ø0.7" Total no. = 1	**5** = Fibre Ø73 mm Ø2.87" Total no. = 1
6 Ø57 mm Ø2.24" 8 mm 0.315" Total no. = 1	**9** Total no. = 1			

Overhaul kit | Code number 027H3043
ICS, size 25-20



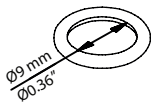
ICS 25-20

1 = Fibre



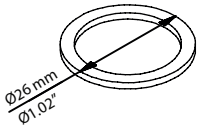
Total no. = 3

2



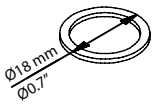
Total no. = 3

3 = Alu.



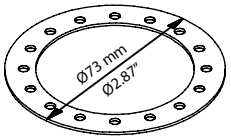
Total no. = 1

4 = Alu.



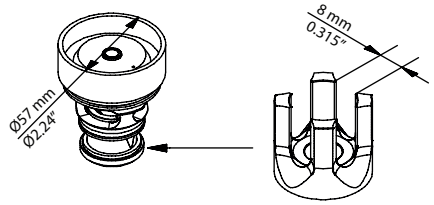
Total no. = 1

5 = Fibre



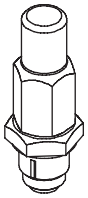
Total no. = 1

6



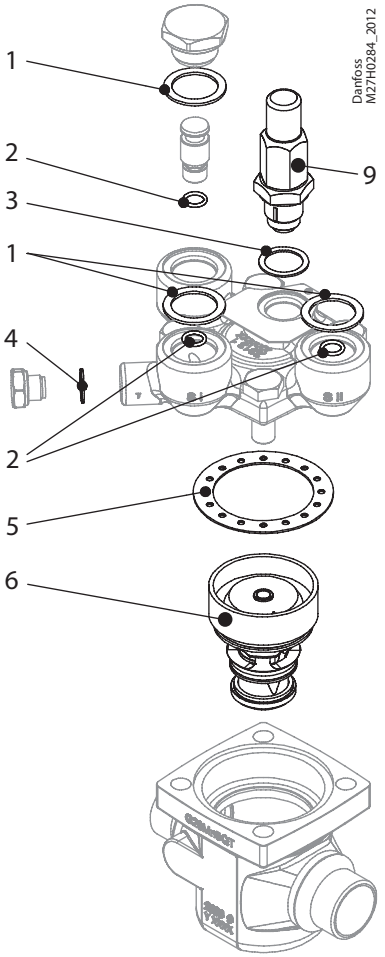
Total no. = 1

9



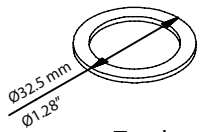
Total no. = 1

Overhaul kit | Code number 027H3044
ICS, size 25-25



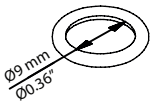
ICS 25-25

1 = Fibre



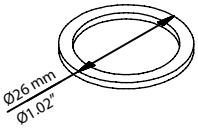
Total no. = 3

2



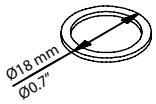
Total no. = 3

3 = Alu.



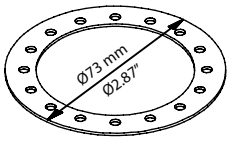
Total no. = 1

4 = Alu.



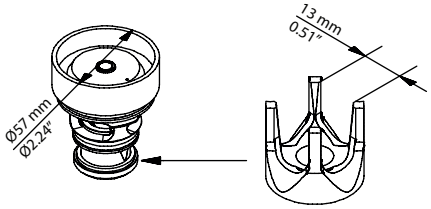
Total no. = 1

5 = Fibre



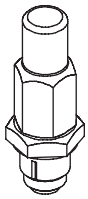
Total no. = 1

6



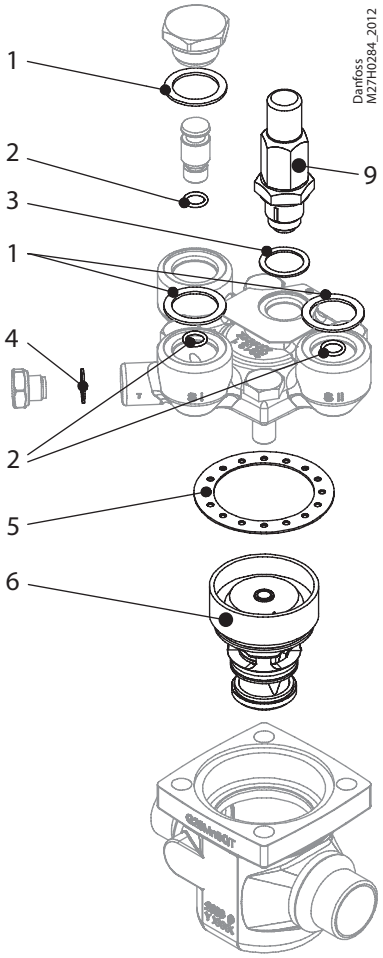
Total no. = 1

9



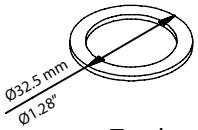
Total no. = 1

Overhaul kit | Code number 027H3018
ICS, size 32



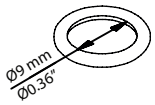
ICS 32

1 = Fibre



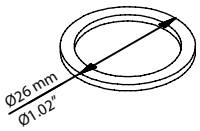
Total no. = 3

2



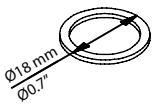
Total no. = 3

3 = Alu.



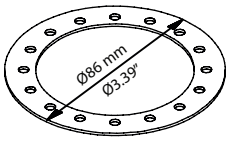
Total no. = 1

4 = Alu.



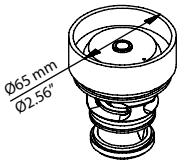
Total no. = 1

5 = Fibre



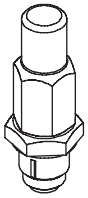
Total no. = 1

6



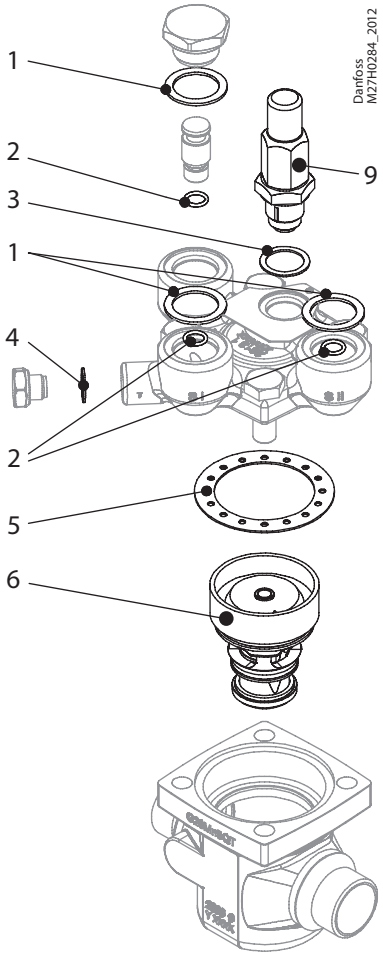
Total no. = 1

9

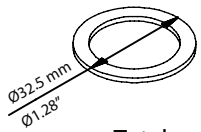
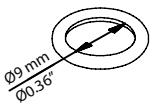
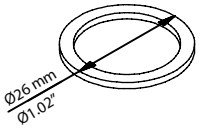
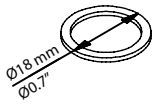
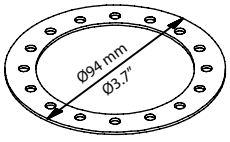
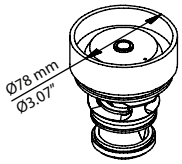
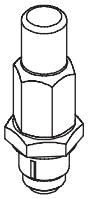


Total no. = 1

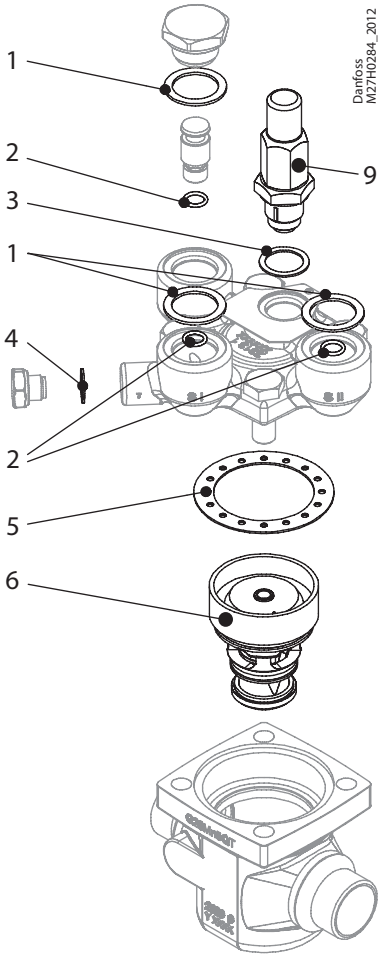
Overhaul kit | Code number 027H4016
ICS, size 40



ICS 40

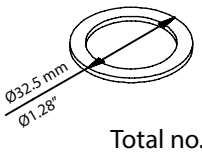
1 = Fibre  Total no. = 3	**2**  Total no. = 3	**3** = Alu.  Total no. = 1	**4** = Alu.  Total no. = 1	**5** = Fibre  Total no. = 1
6  Total no. = 1	**9**  Total no. = 1			

Overhaul kit | Code number 027H5016
ICS, size 50



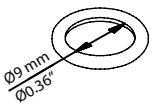
ICS 50

1 = Fibre



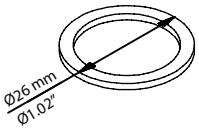
Total no. = 3

2



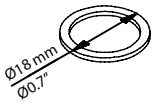
Total no. = 3

3 = Alu.



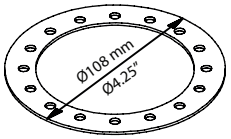
Total no. = 1

4 = Alu.



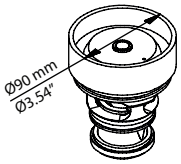
Total no. = 1

5 = Fibre



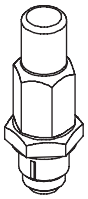
Total no. = 1

6



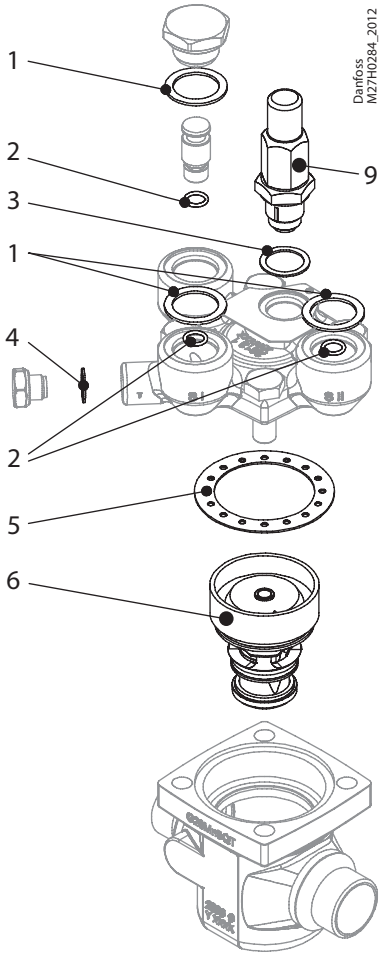
Total no. = 1

9

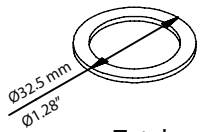
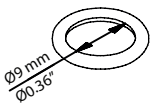
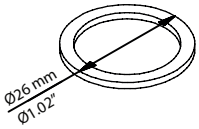
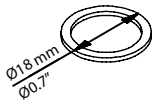
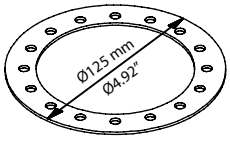
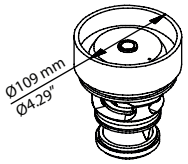
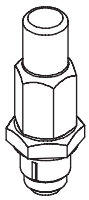


Total no. = 1

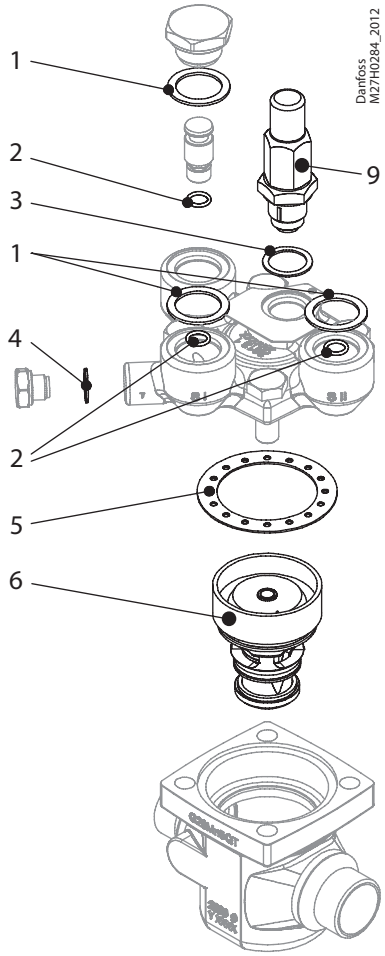
Overhaul kit | Code number 027H6018
ICS, size 65



ICS 65

1 = Fibre  Total no. = 3	**2**  Total no. = 3	**3** = Alu.  Total no. = 1	**4** = Alu.  Total no. = 1	**5** = Fibre  Total no. = 1
6  Total no. = 1	**9**  Total no. = 1			

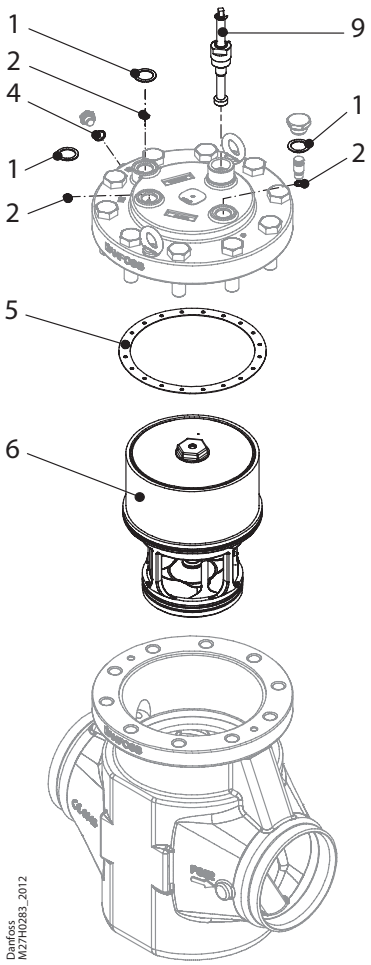
Overhaul kit | Code number 027H6028
ICS, size 80



ICS 80

1 = Fibre Ø32.5 mm Ø1.28" Total no. = 3	**2** Ø9 mm Ø0.36" Total no. = 3	**3** = Alu. Ø26 mm Ø1.02" Total no. = 1	**4** = Alu. Ø18 mm Ø0.7" Total no. = 1	**5** = Fibre Ø125 mm Ø4.92" Total no. = 1
6 Ø109 mm Ø4.29" Total no. = 1	**9** Total no. = 1			

Overhaul kit | Code number 027H7193
ICS, size 100

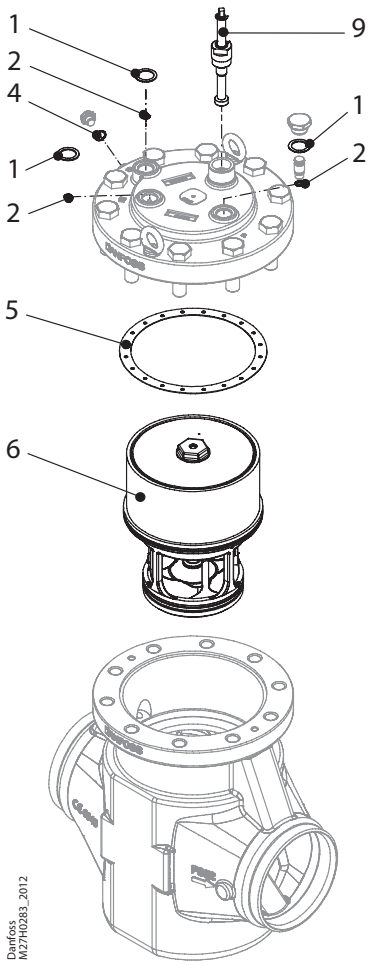


ICS 100

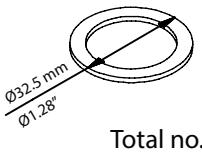
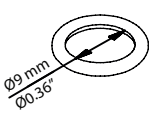
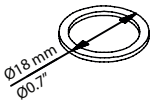
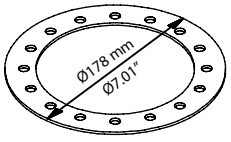
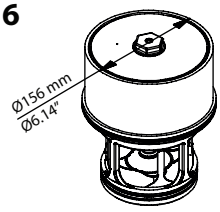
1 = Fibre Ø32.5 mm Ø1.28" Total no. = 3	**2** Ø9 mm Ø0.36" Total no. = 3	**4** = Alu. Ø18 mm Ø0.7" Total no. = 1	**5** = Fibre Ø150 mm Ø5.91" Total no. = 1	**6** Ø130 mm Ø5.12" Total no. = 1
9 Total no. = 1				

For a complete replacement of the ICS top cover including gasket; please see page 127.

Overhaul kit | Code number 027H7195
ICS, size 125

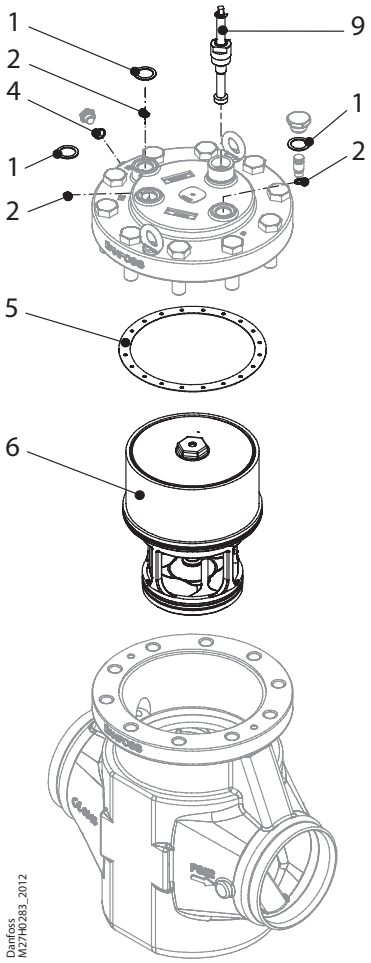


ICS 125

1 = Fibre  Total no. = 3	**2**  Total no. = 3	**4** = Alu.  Total no. = 1	**5** = Fibre  Total no. = 1	**6**  Total no. = 1
9  Total no. = 1				

For a complete replacement of the ICS top cover including gasket; please see page 127.

Overhaul kit | Code number 027H7198
ICS, size 150

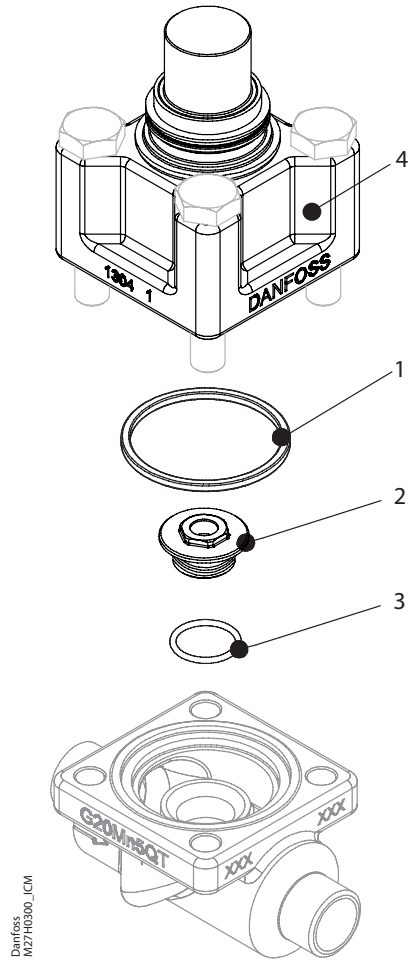


ICS 150

1 = Fibre Ø32.5 mm Ø1.28" Total no. = 3	**2** Ø9 mm Ø0.36" Total no. = 3	**4** = Alu. Ø18 mm Ø0.7" Total no. = 1	**5** = Fibre Ø220 mm Ø8.66" Total no. = 1	**6** Ø202 mm Ø7.95" Total no. = 1
9 Total no. = 1				

For a complete replacement of the ICS top cover including gasket; please see page 127.

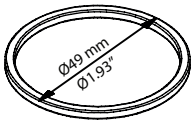
Overhaul kit | Code number 027H1180
ICM, size 20A



ICM 20A

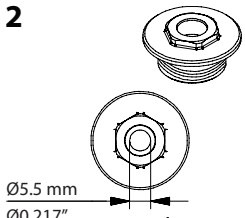
1

= Rubber



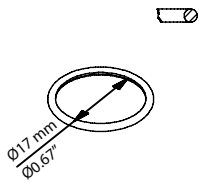
Total no. = 1

2



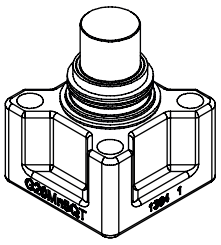
Total no. = 1

3

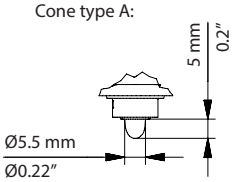


Total no. = 1

4

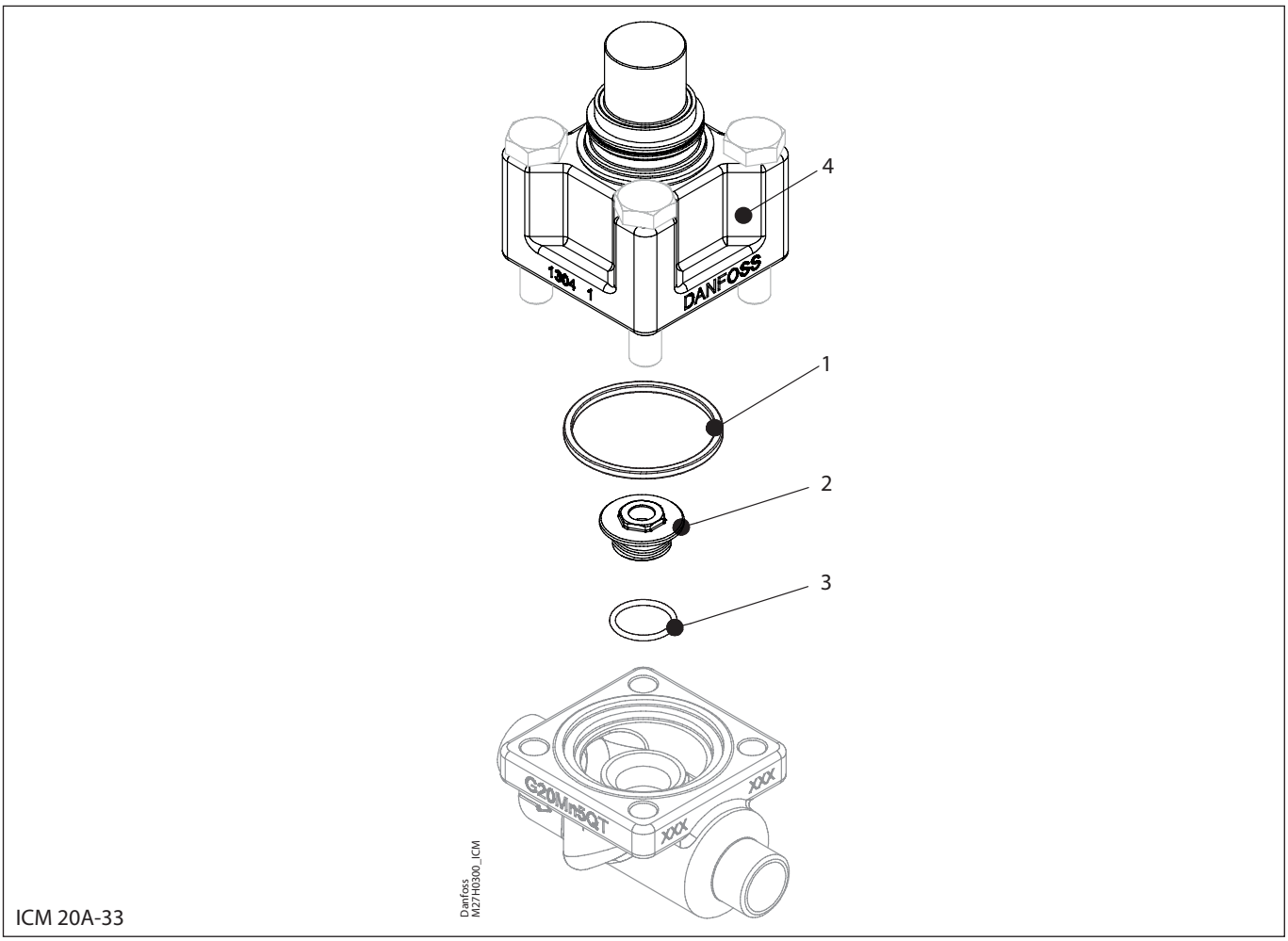


Cone type A:



Total no. = 1

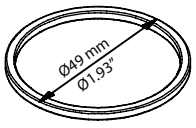
Overhaul kit | Code number 027H1186
ICM, size 20A-33



ICM 20A-33

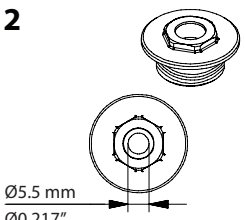
1

= Rubber



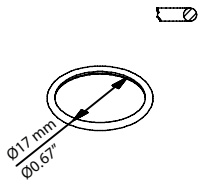
Total no. = 1

2



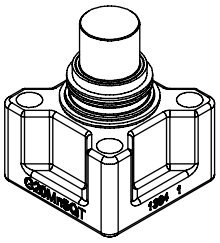
Total no. = 1

3

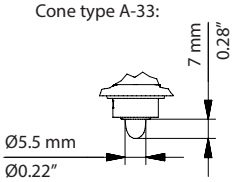


Total no. = 1

4

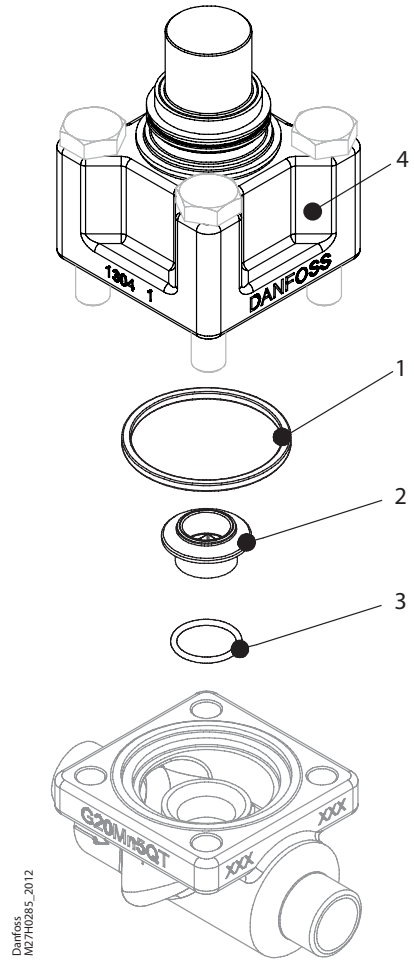


Cone type A-33:



Total no. = 1

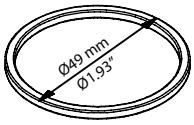
Overhaul kit | Code number 027H1181
ICM, size 20B



ICM 20B

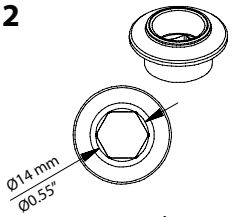
1

= Rubber



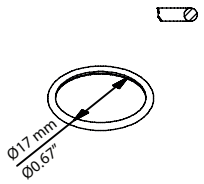
Total no. = 1

2



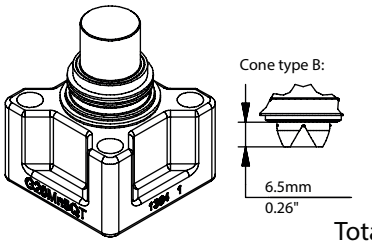
Total no. = 1

3



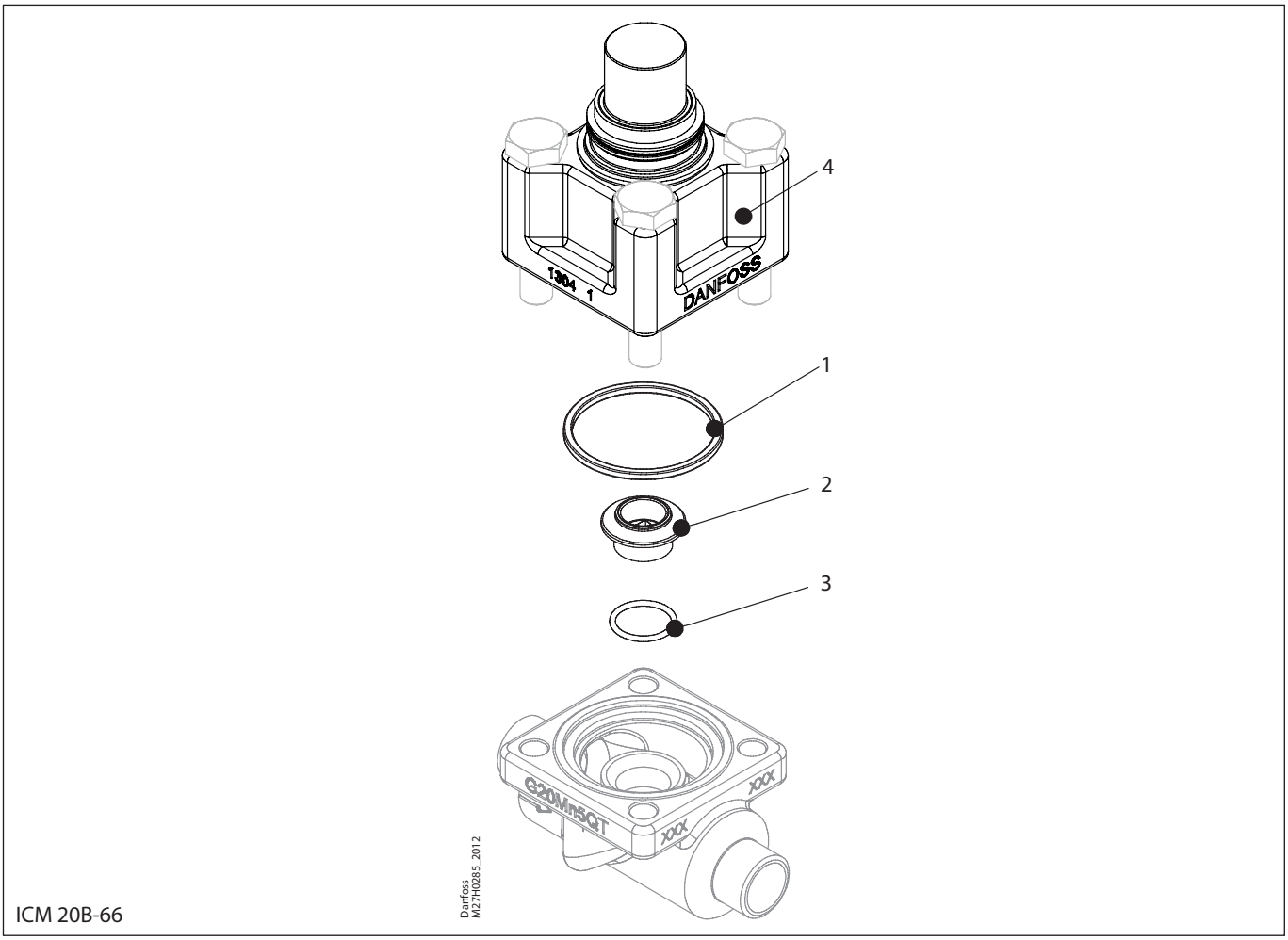
Total no. = 1

4



Total no. = 1

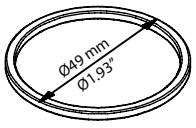
Overhaul kit | Code number 027H1194
ICM, size 20B-66



ICM 20B-66

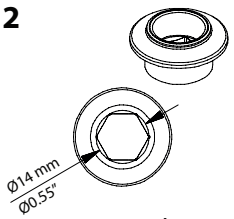
1

= Rubber



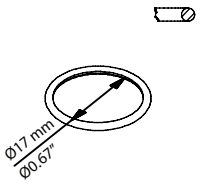
Total no. = 1

2



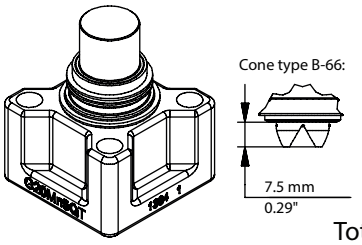
Total no. = 1

3



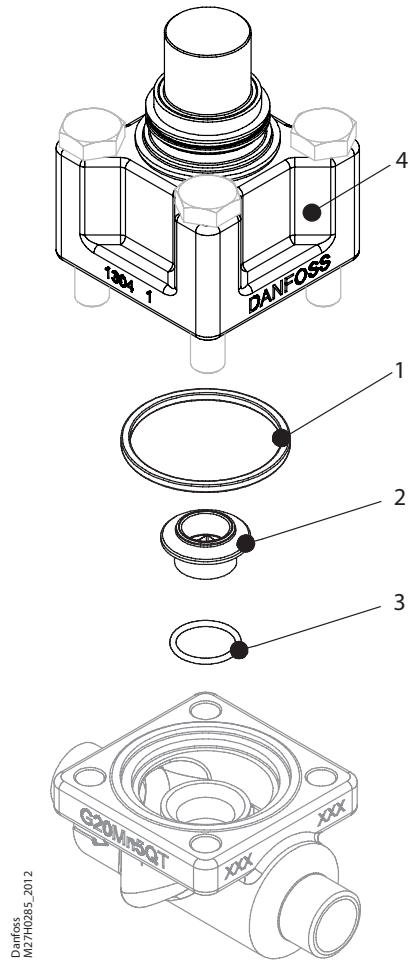
Total no. = 1

4



Total no. = 1

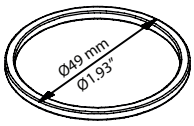
Overhaul kit | Code number 027H1182
ICM, size 20C



ICM 20C

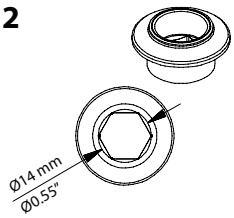
1

= Rubber



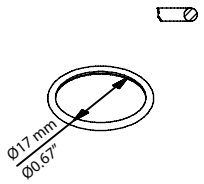
Total no. = 1

2



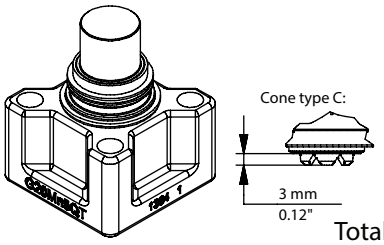
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3



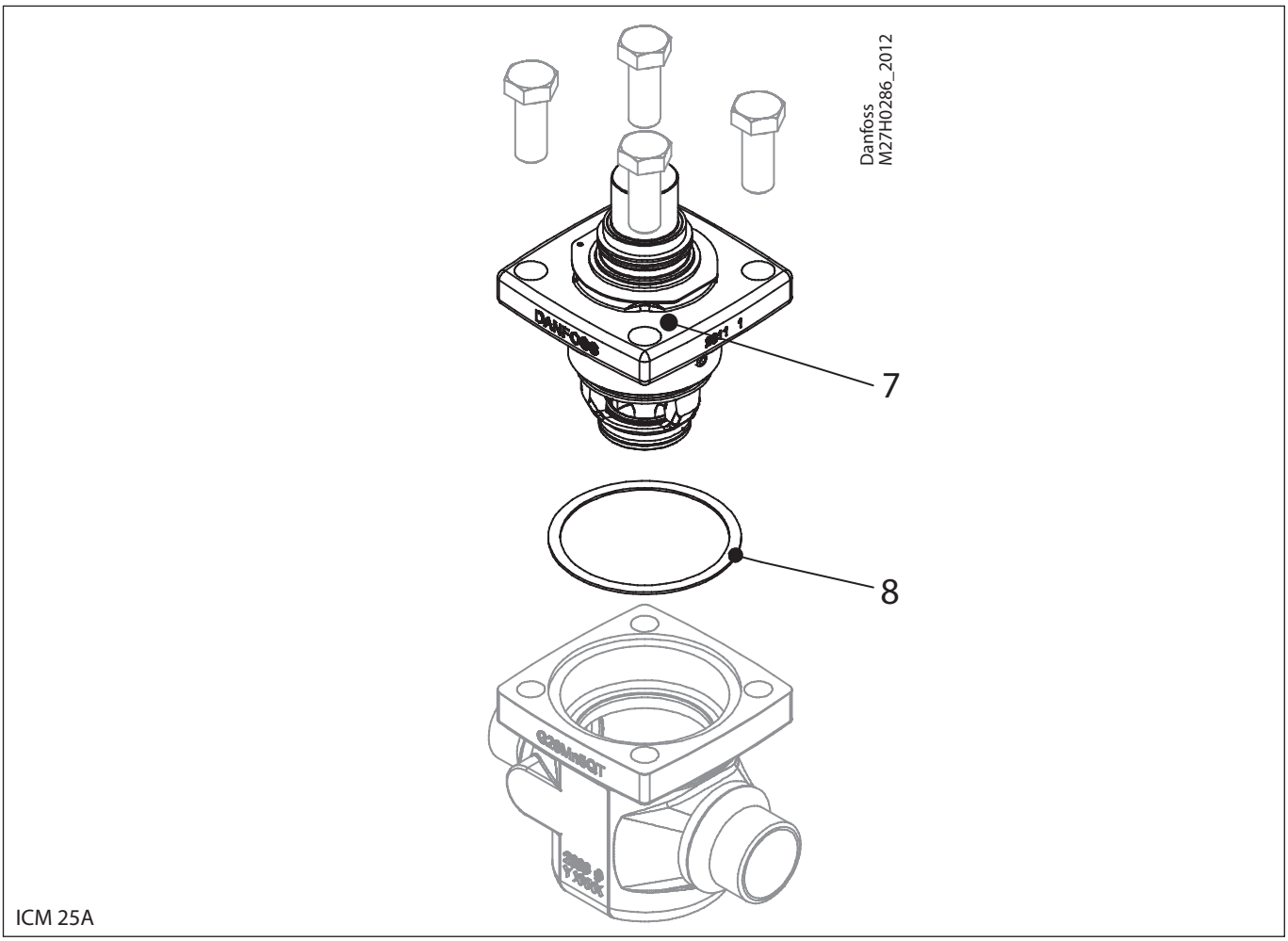
Total no. = 1

4



Total no. = 1

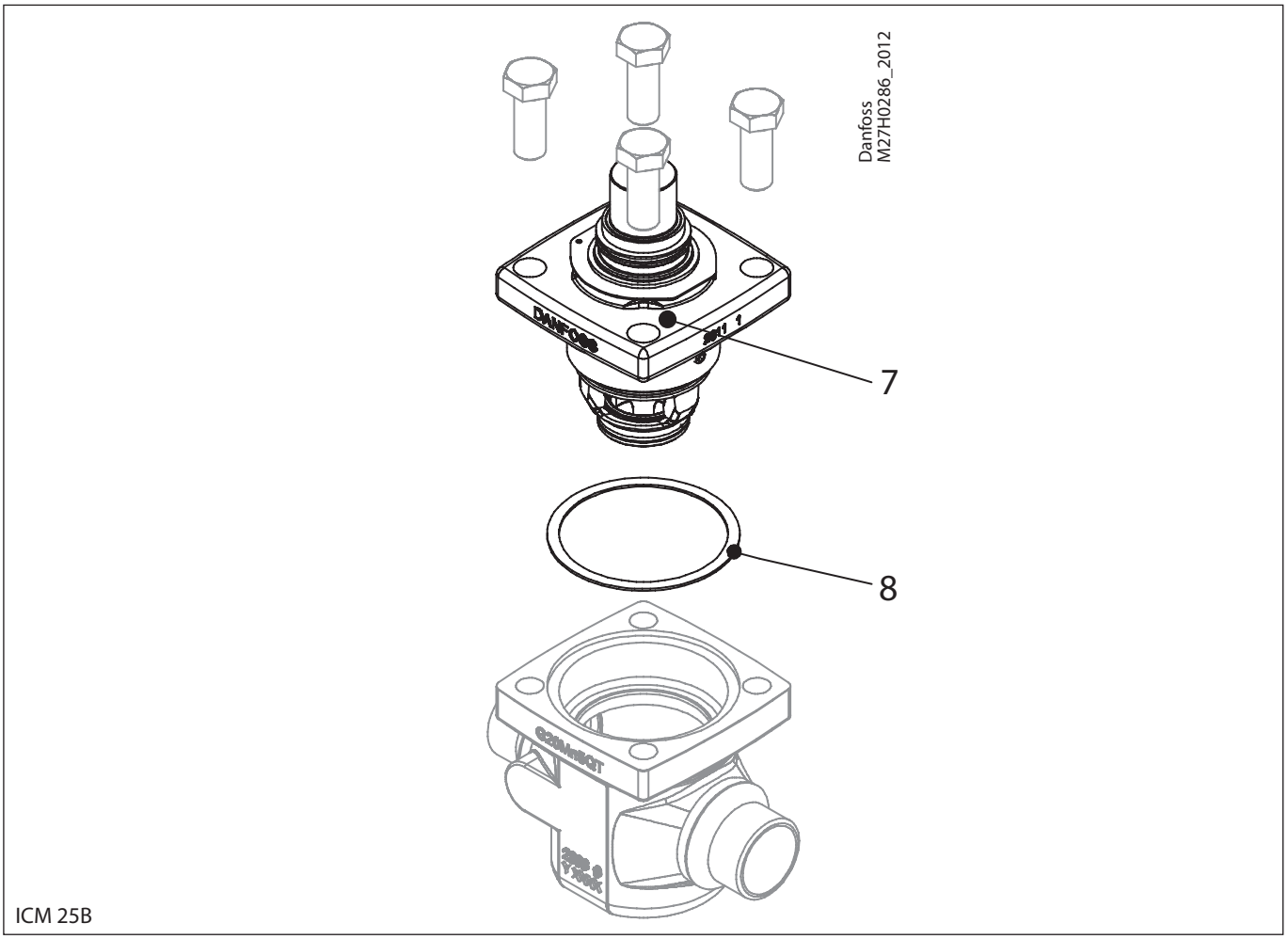
Overhaul kit | Code number 027H2180
ICM, size 25A



ICM 25A

8	7	
= Fibre Ø73 mm Ø2.87" Total no. = 1	3 holes Total no. = 1	

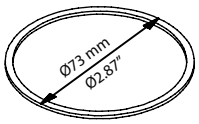
Overhaul kit | Code number 027H2181
ICM, size 25B



ICM 25B

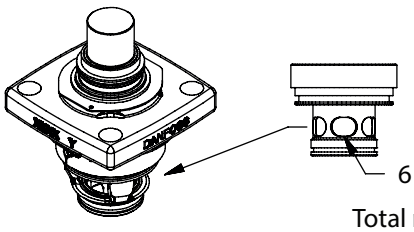
8

= Fibre



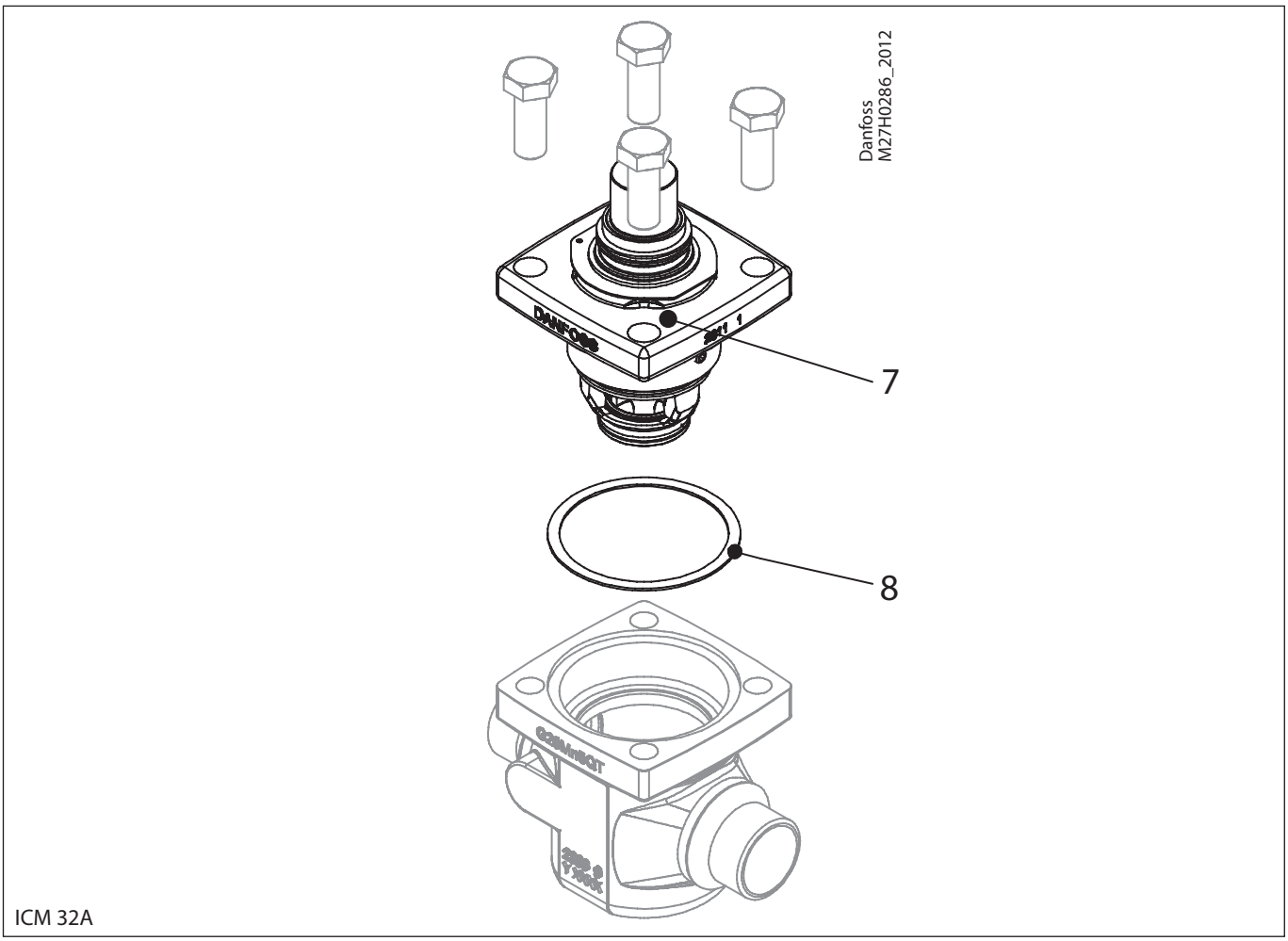
Total no. = 1

7



Total no. = 1

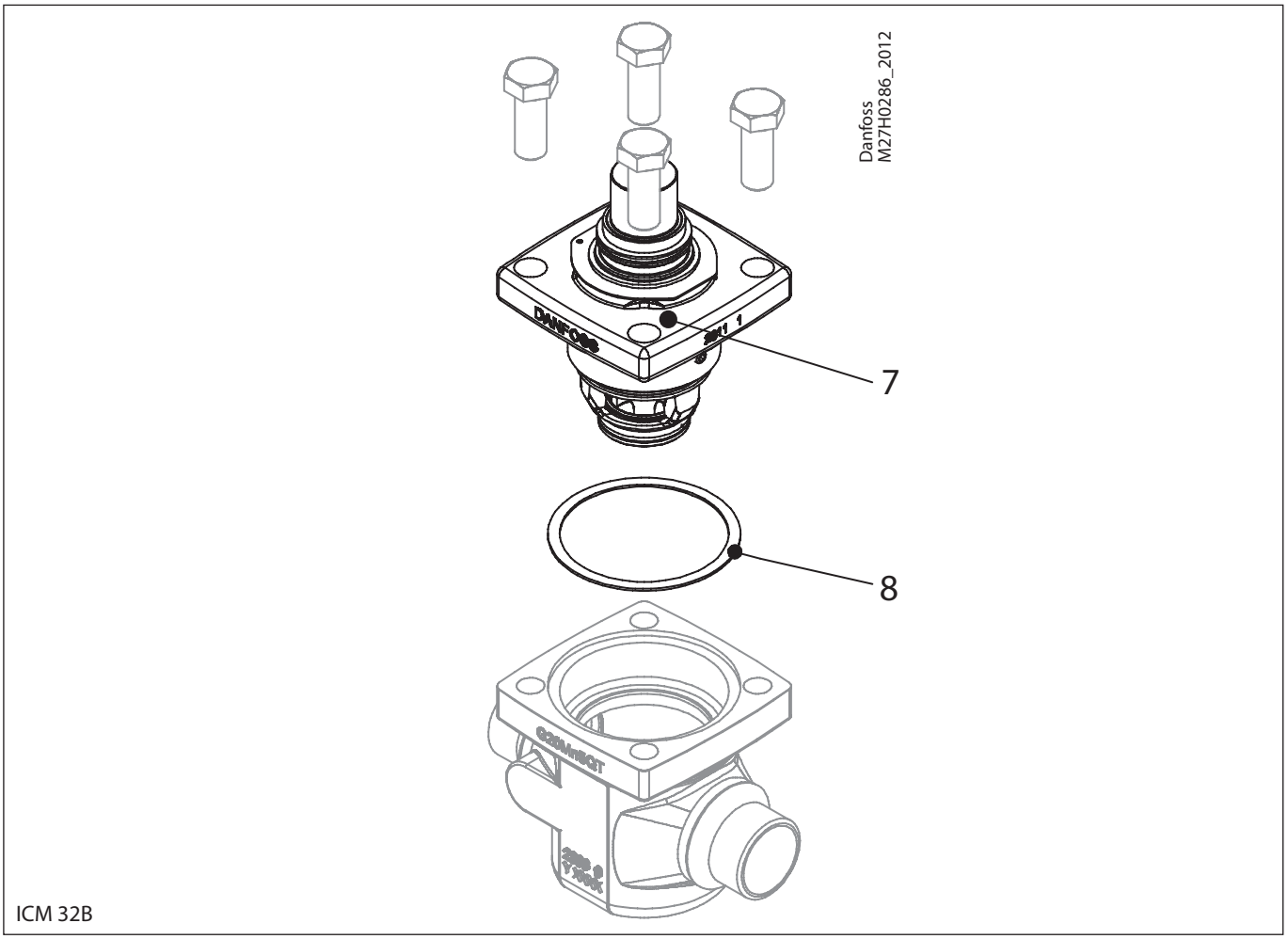
Overhaul kit | Code number 027H3180
ICM, size 32A



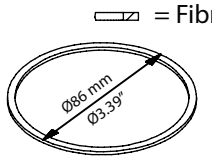
ICM 32A

8	7	
= Fibre Ø86 mm Ø3.39" Total no. = 1	4 holes Total no. = 1	

Overhaul kit | Code number 027H3181
ICM, size 32B

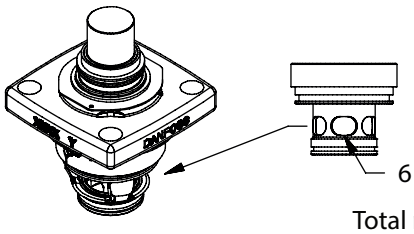


8



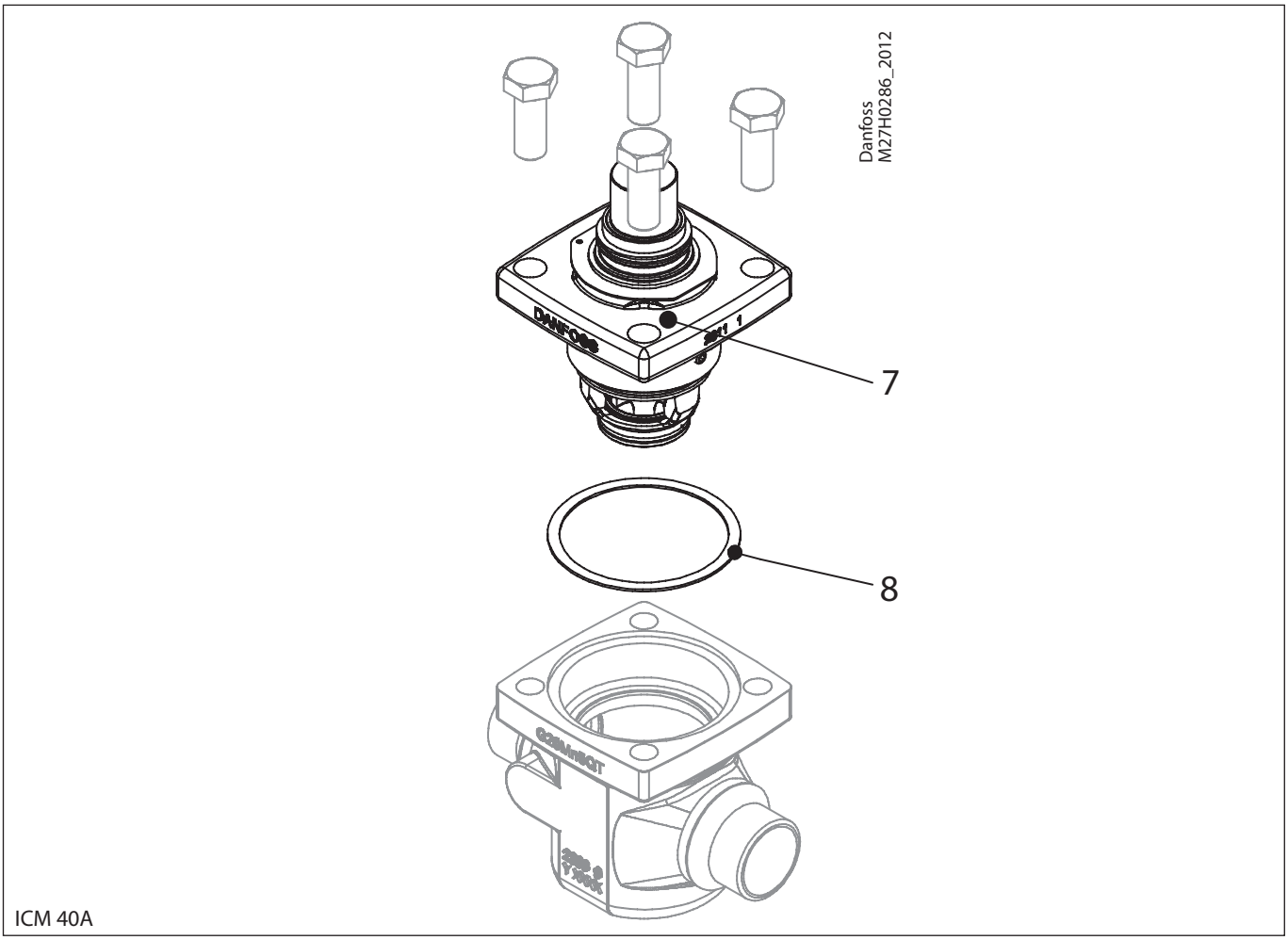
Total no. = 1

7



Total no. = 1

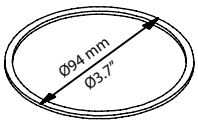
Overhaul kit | Code number 027H4180
ICM, size 40A



ICM 40A

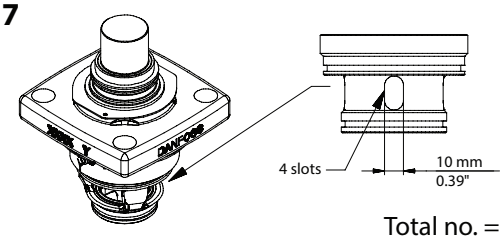
8

= Fibre



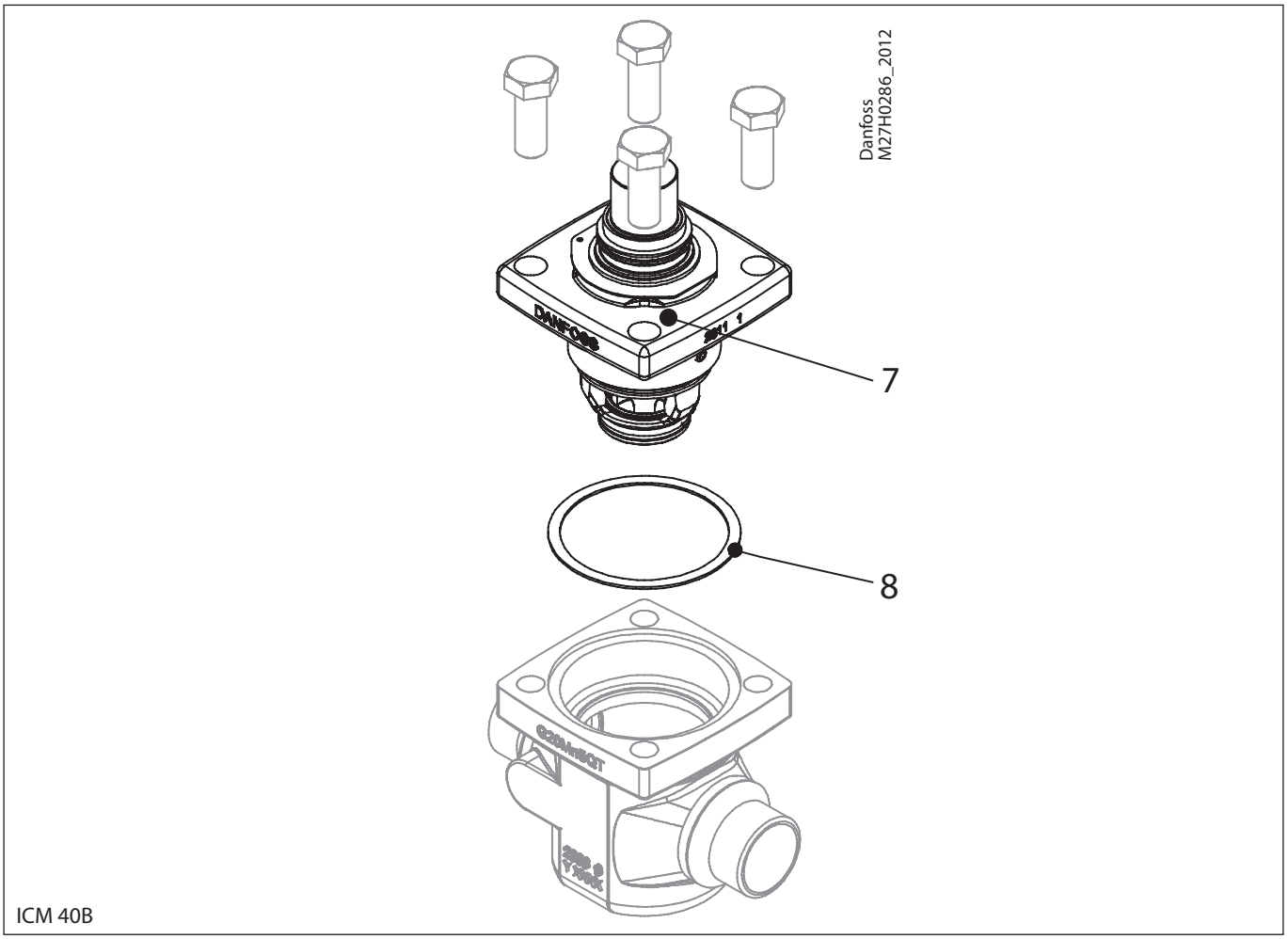
Total no. = 1

7

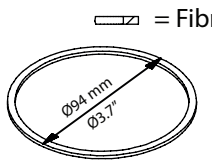


Total no. = 1

Overhaul kit | Code number 027H4181
ICM, size 40B

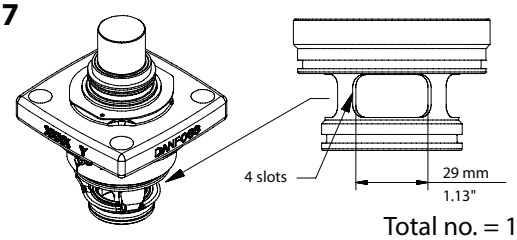


8



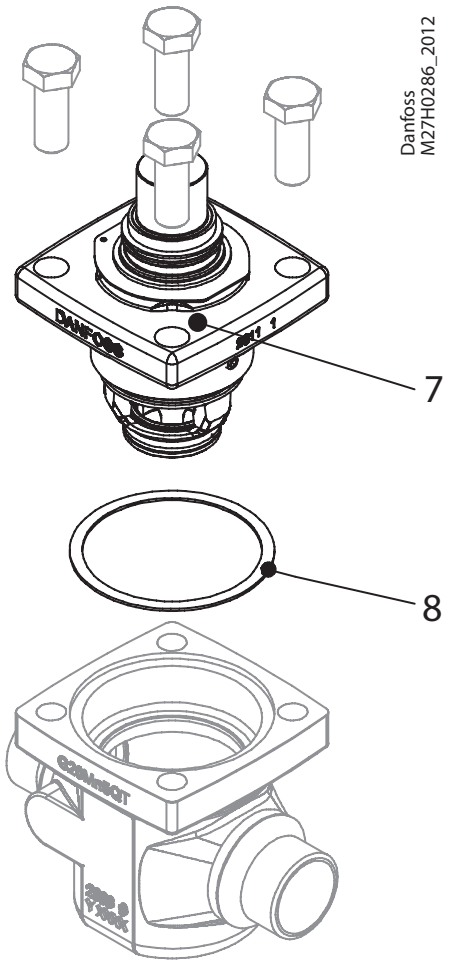
Total no. = 1

7



Total no. = 1

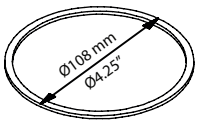
Overhaul kit | Code number 027H5180
ICM, size 50A



ICM 50A

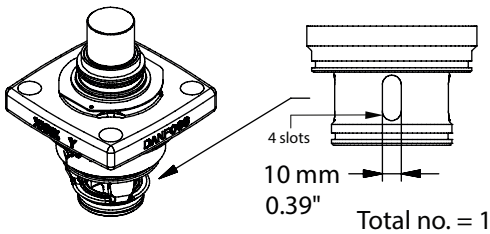
8

= Fibre



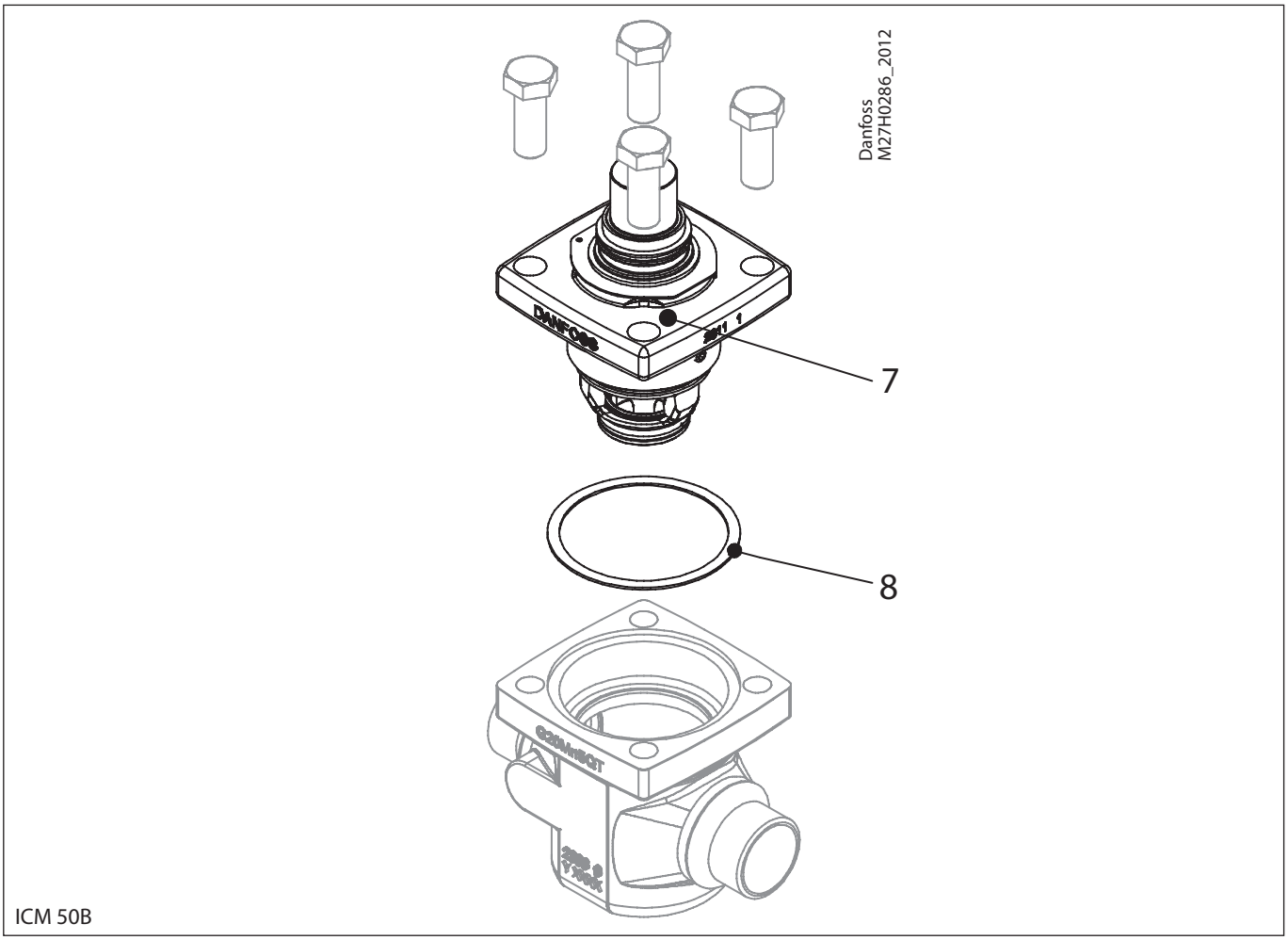
Total no. = 1

7



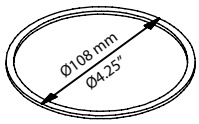
Total no. = 1

Overhaul kit | Code number 027H5181
ICM, size 50B



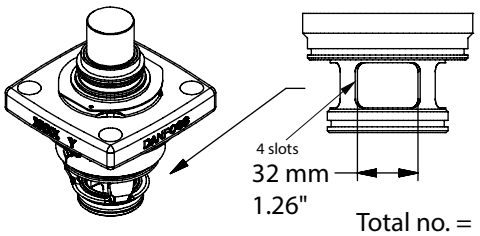
8

= Fibre



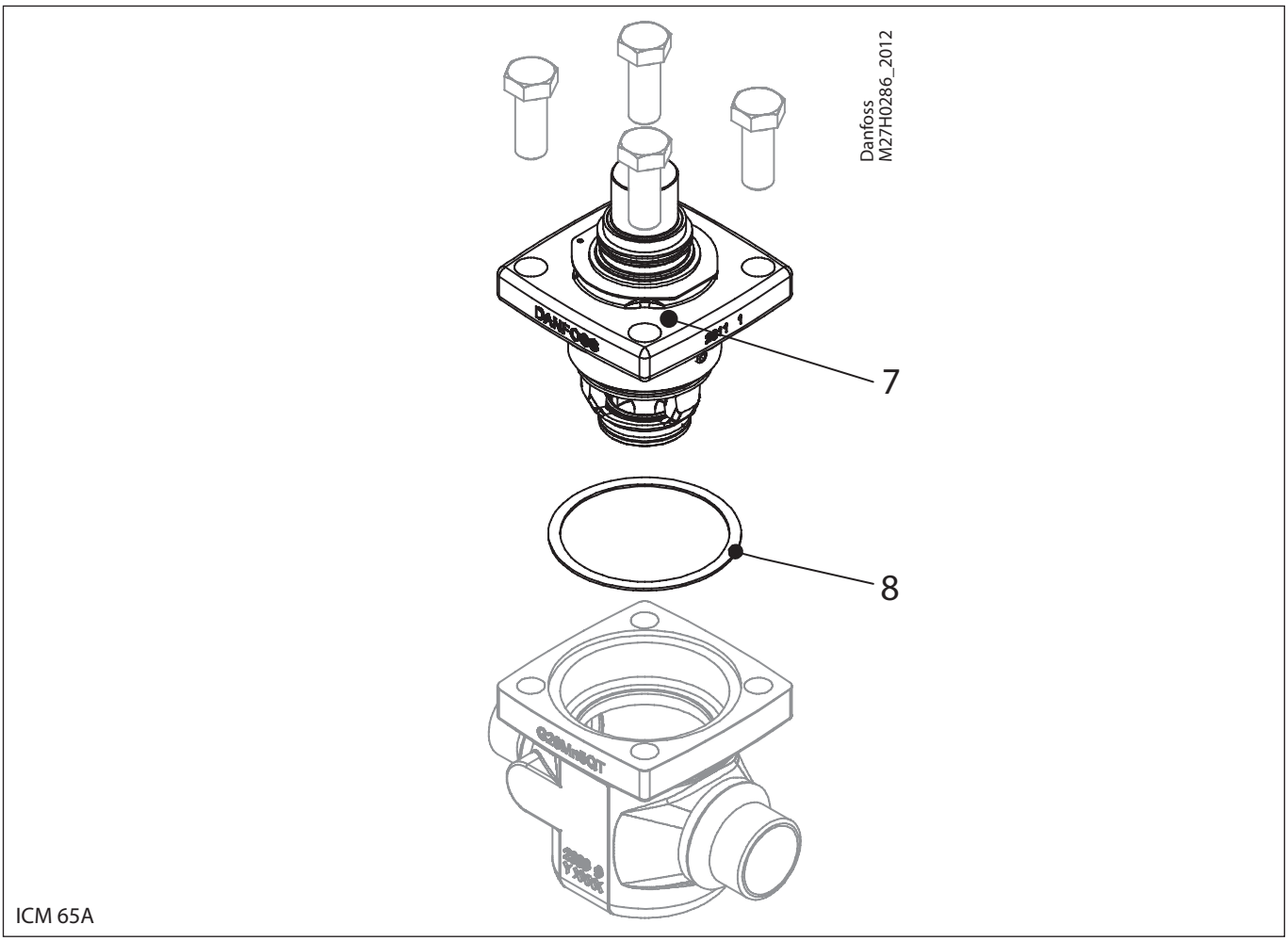
Total no. = 1

7



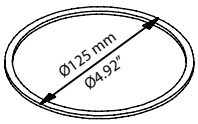
Total no. = 1

Overhaul kit | Code number 027H6180
ICM, size 65A



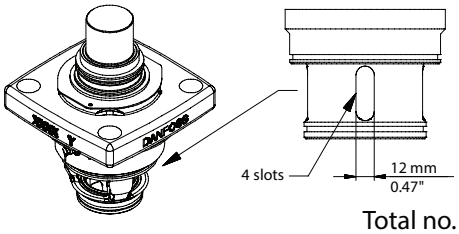
8

= Fibre



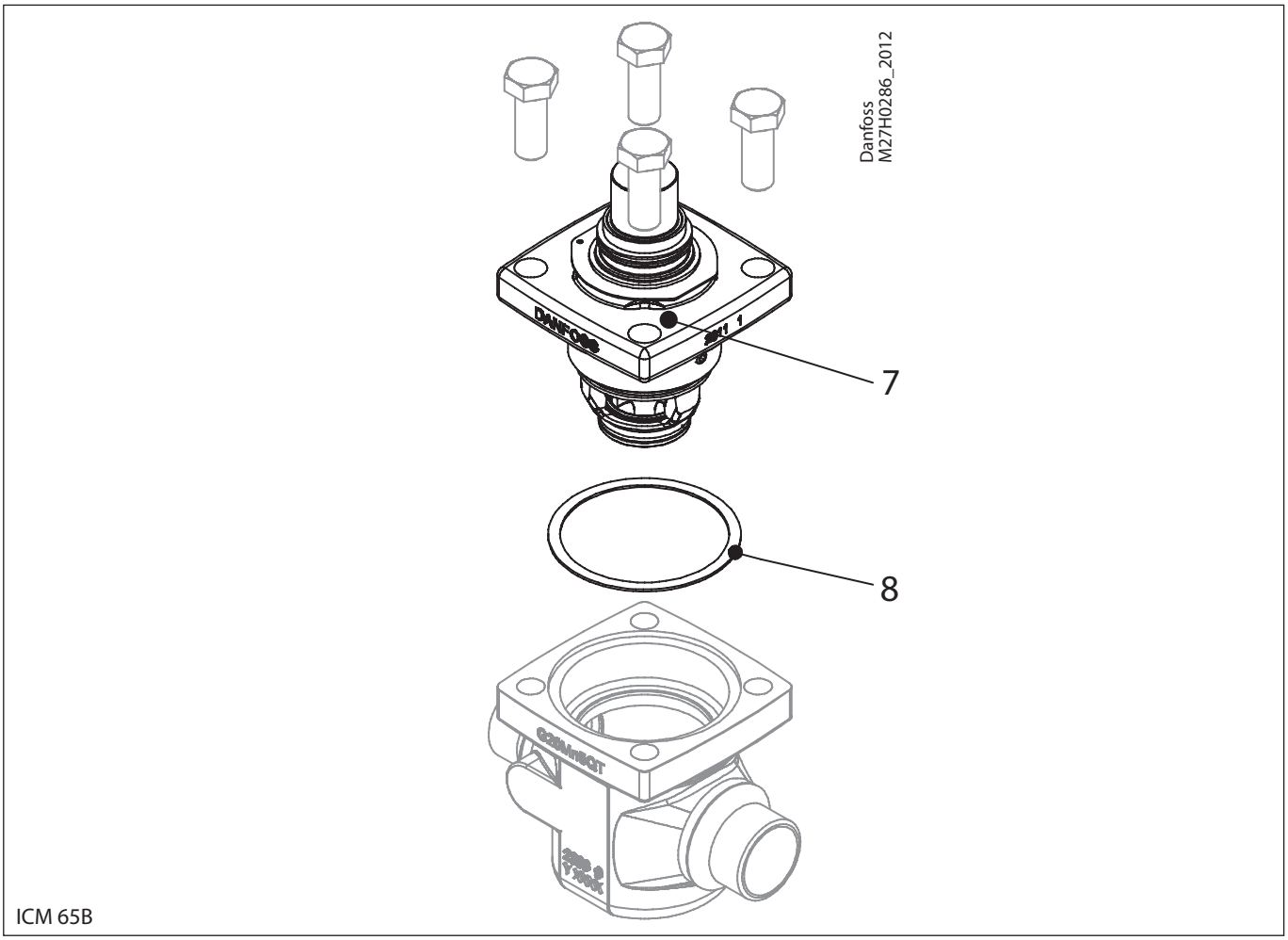
Total no. = 1

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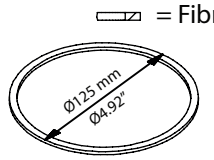


Total no. = 1

Overhaul kit | Code number 027H6181
ICM, size 65B

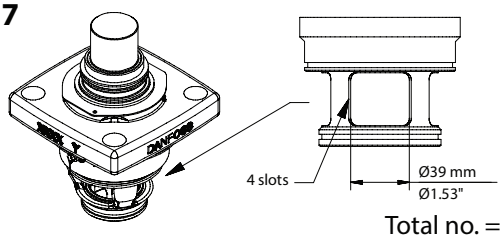


8



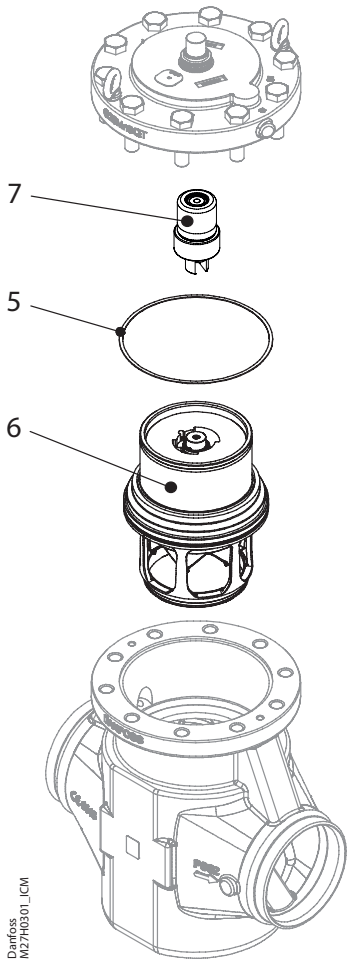
Total no. = 1

7

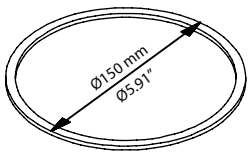
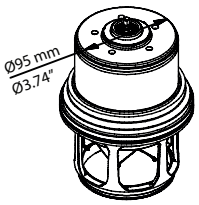
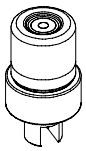


Total no. = 1

Overhaul kit | Code number 027H7136
ICM, size 100

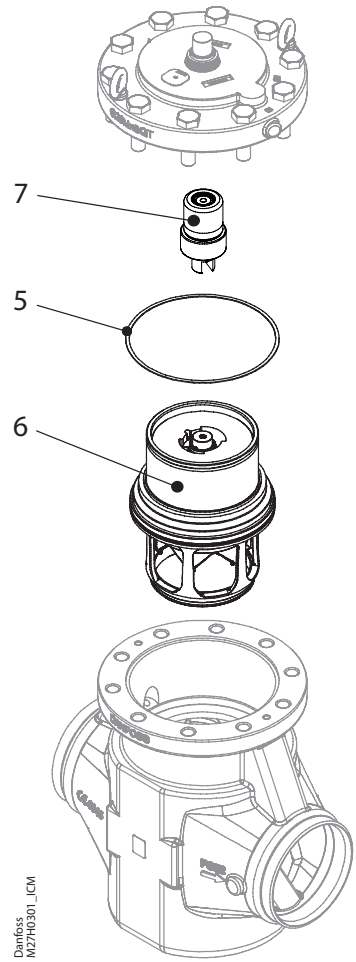


ICM 100

5	6	7	
 Total no. = 1	 Total no. = 1	 Total no. = 1	

For a complete replacement of the ICM top cover including magnetic coupling and gasket; please see page 129.

Overhaul kit | Code number 027H7156
ICM, size 125

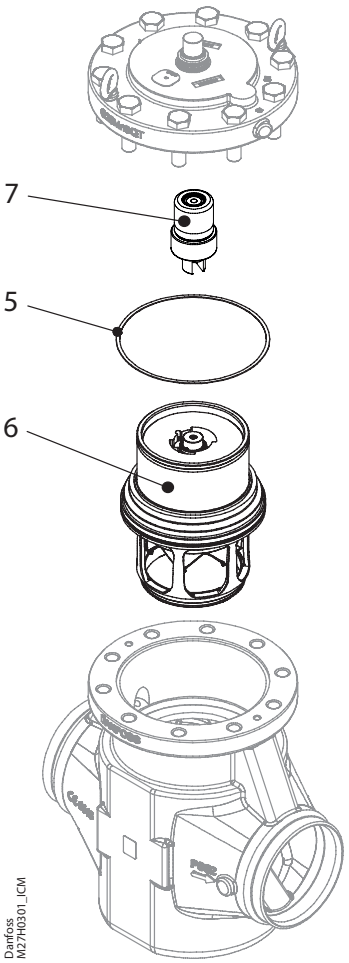


ICM 125

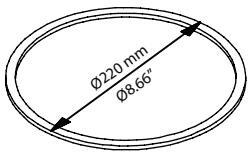
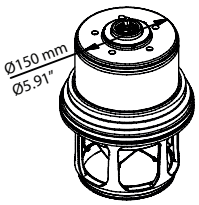
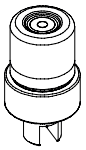
5	6	7	
= Fibre Ø178 mm Ø7.01"	Ø120 mm Ø4.72"		
Total no. = 1	Total no. = 1	Total no. = 1	

For a complete replacement of the ICM top cover including magnetic coupling and gasket; please see page 129.

Overhaul kit | Code number 027H7176
ICM, size 150

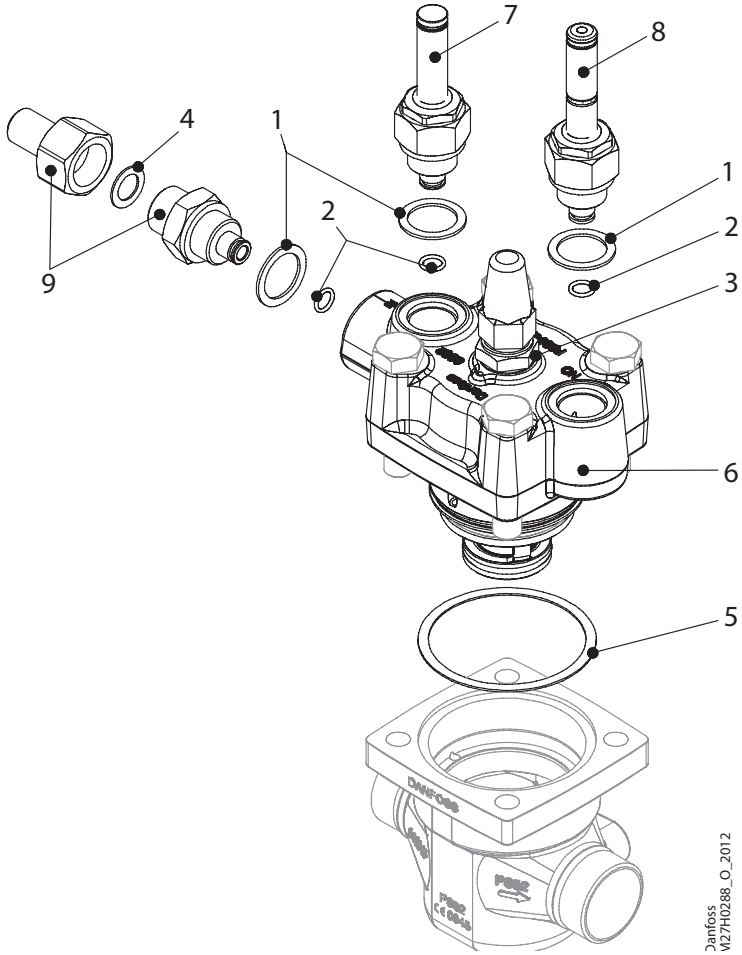


ICM 150

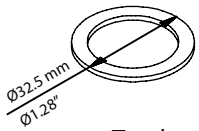
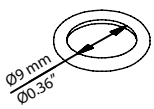
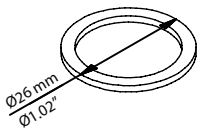
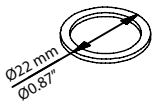
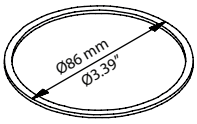
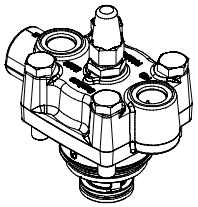
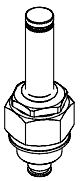
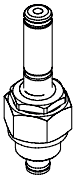
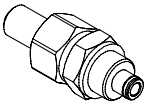
5	6	7	
 Total no. = 1	 Total no. = 1	 Total no. = 1	

For a complete replacement of the ICM top cover including magnetic coupling and gasket; please see page 129.

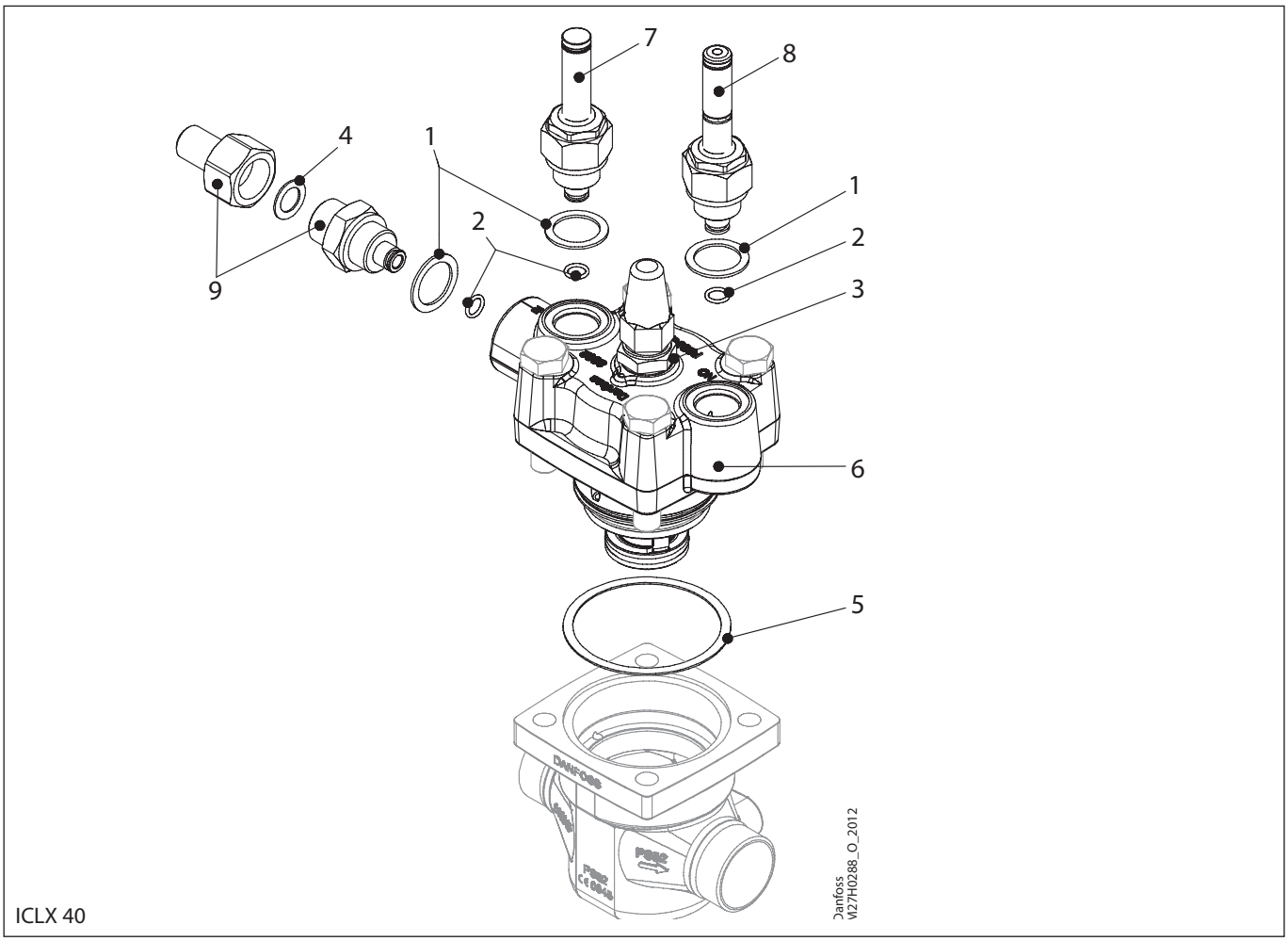
Overhaul kit | Code number 027H3204
ICLX, size 32



ICLX 32

1 = Fibre  Total no. = 3	**2**  Total no. = 3	**3** = Alu.  Total no. = 1	**4** = Alu.  Total no. = 1	**5** = Fibre  Total no. = 1
6  Total no. = 1	**7**  Total no. = 1	**8**  Total no. = 1	**9**  Total no. = 1	

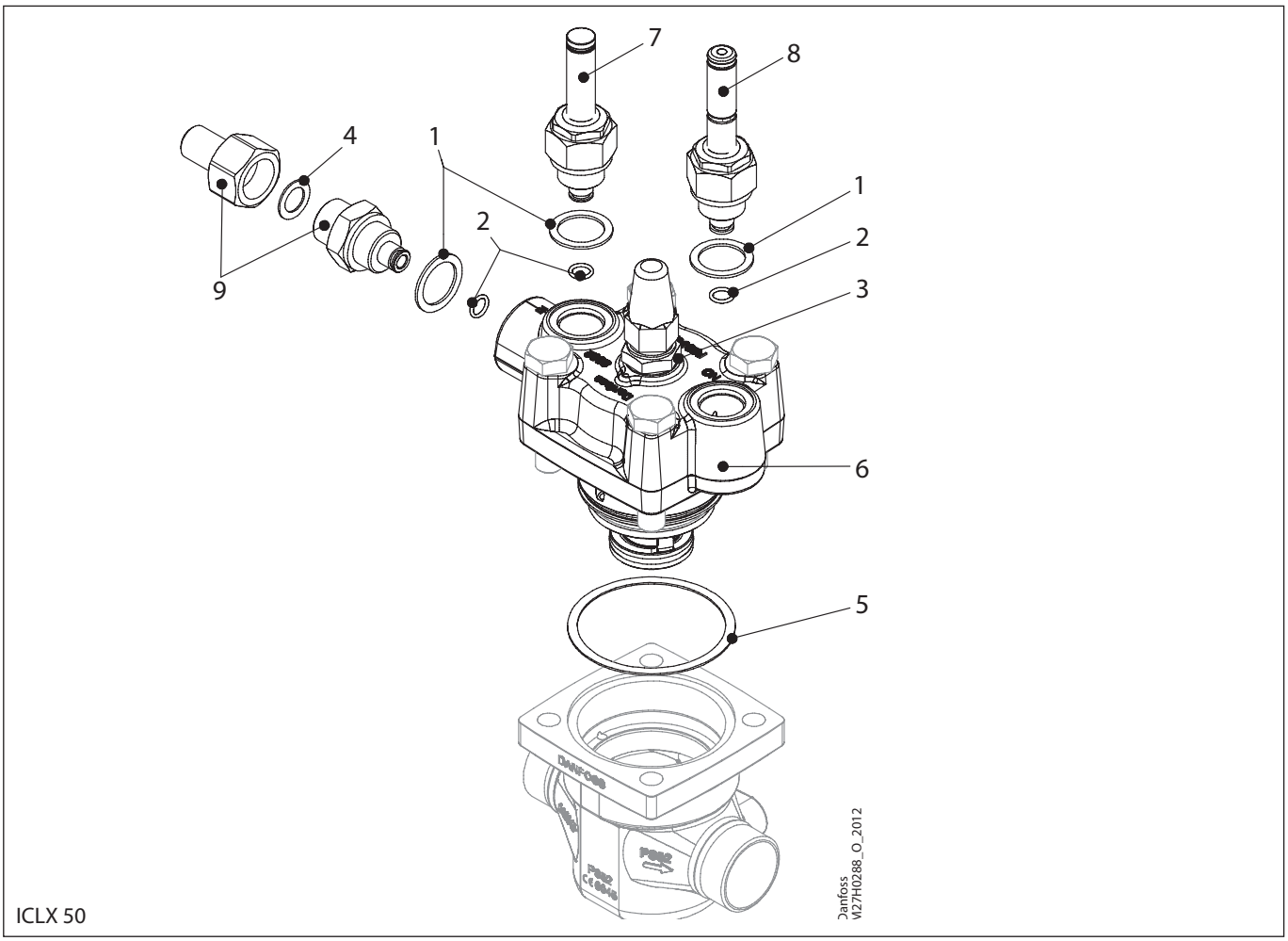
Overhaul kit | Code number 027H4204
ICLX, size 40



ICLX 40

1 = Fibre Ø32.5 mm Ø1.28" Total no. = 3	**2** Ø9 mm Ø0.36" Total no. = 3	**3** = Alu. Ø26 mm Ø1.02" Total no. = 1	**4** = Alu. Ø22 mm Ø0.87" Total no. = 1	**5** = Fibre Ø94 mm Ø3.7" Total no. = 1
6 Total no. = 1	**7** Total no. = 1	**8** Total no. = 1	**9** Total no. = 1	

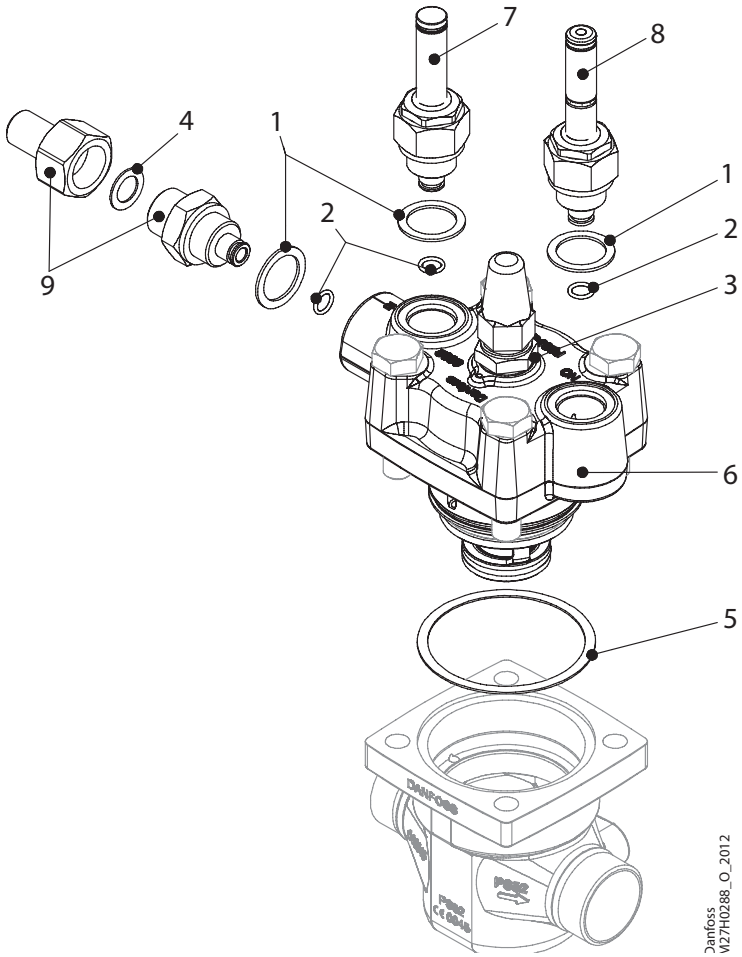
Overhaul kit | Code number 027H5204
ICLX, size 50



ICLX 50

1 = Fibre Ø32.5 mm Ø1.28" Total no. = 3	**2** Ø9 mm Ø0.36" Total no. = 3	**3** = Alu. Ø26 mm Ø1.02" Total no. = 1	**4** = Alu. Ø22 mm Ø0.87" Total no. = 1	**5** = Fibre Ø108 mm Ø4.25" Total no. = 1
6 Total no. = 1	**7** Total no. = 1	**8** Total no. = 1	**9** Total no. = 1	

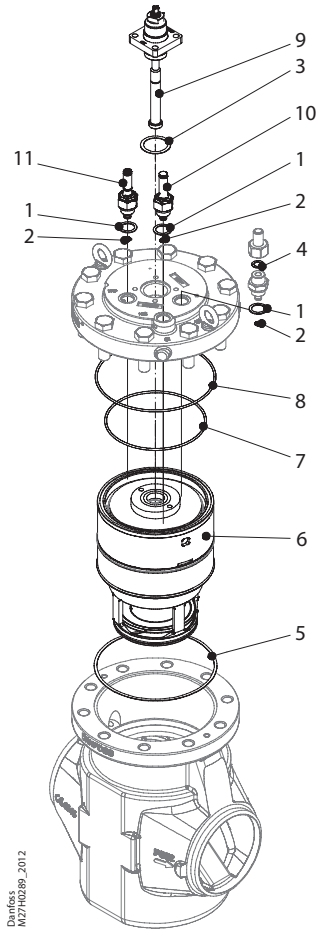
Overhaul kit | Code number 027H6204
ICLX, size 65/80



ICLX 65/80

1 = Fibre Ø32.5 mm Ø1.28" Total no. = 3	**2** Ø9 mm Ø0.36" Total no. = 3	**3** = Alu. Ø26 mm Ø1.02" Total no. = 1	**4** = Alu. Ø22 mm Ø0.87" Total no. = 1	**5** = Fibre Ø125 mm Ø4.92" Total no. = 1
6 Total no. = 1	**7** Total no. = 1	**8** Total no. = 1	**9** Total no. = 1	

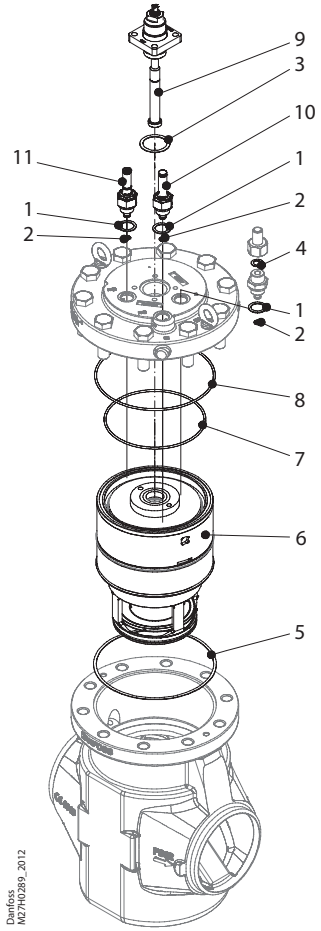
Overhaul kit | Code number 027H7221
ICLX, size 100



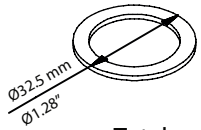
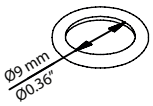
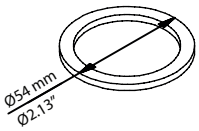
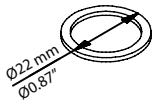
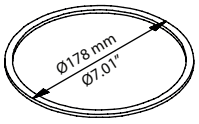
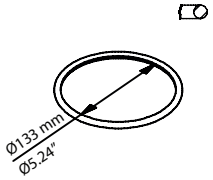
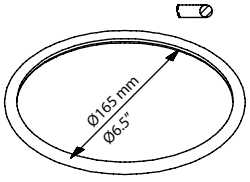
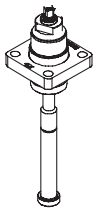
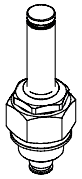
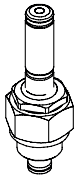
ICLX 100

1 = Fibre Ø32.5 mm Ø1.28" Total no. = 3	**2** Ø9 mm Ø0.36" Total no. = 3	**3** = Fibre Ø39 mm Ø1.54" Total no. = 1	**4** = Alu. Ø22 mm Ø0.87" Total no. = 1	**5** = Fibre Ø150 mm Ø5.91" Total no. = 1
6 Ø140 mm Ø5.51" Total no. = 1	**7** Ø114 mm Ø4.49" Total no. = 1	**8** Ø142 mm Ø5.59" Total no. = 1	**9** Total no. = 1	**10** Total no. = 1
11 Total no. = 1				

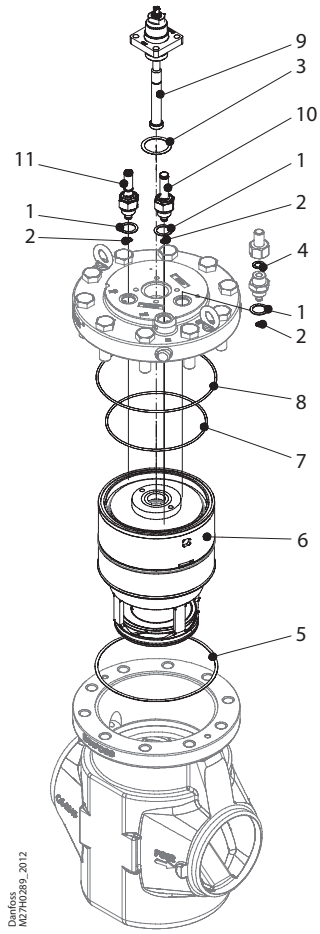
Overhaul kit | Code number 027H7222
ICLX, size 125



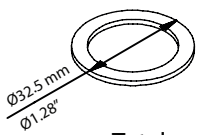
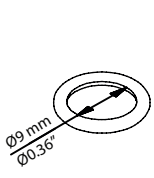
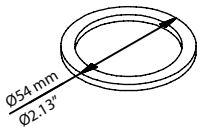
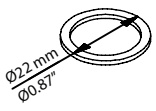
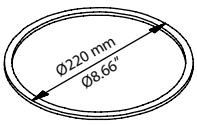
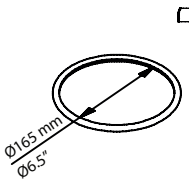
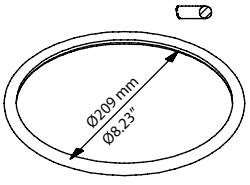
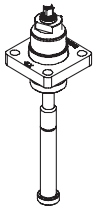
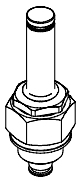
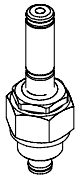
ICLX 125

1 = Fibre  Total no. = 3	**2**  Total no. = 3	**3** = Fibre  Total no. = 1	**4** = Alu.  Total no. = 1	**5** = Fibre  Total no. = 1
6  Total no. = 1	**7**  Total no. = 1	**8**  Total no. = 1	**9**  Total no. = 1	**10**  Total no. = 1
11  Total no. = 1				

Overhaul kit | Code number 027H7223
ICLX, size 150

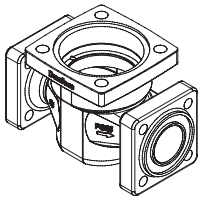


ICLX 150

1 = Fibre  Total no. = 3	**2**  Total no. = 3	**3** = Fibre  Total no. = 1	**4** = Alu.  Total no. = 1	**5** = Fibre  Total no. = 1
6  Total no. = 1	**7**  Total no. = 1	**8**  Total no. = 1	**9**  Total no. = 1	**10**  Total no. = 1
11  Total no. = 1				

Accessories for ICS pilot operated servo valve

ICV flanged valve housings

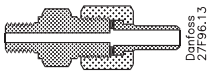


For ICS	Description	Code number
25	ICV 25 PM Valve housing	**027H2119 *)**
32	ICV 32 PM Valve housing	**027H3129 *)**
40	ICV 40 PM Valve housing	**027H4128 *)**
50	ICV 50 PM Valve housing	**027H5127 **)**
65	ICV 65 PM Valve housing	**027H6128 **)**
25	ICV 25 (H)A4A Valve housing	**027H2304 *)**
32	ICV 32 A4A Valve housing	**027H3130 *)**
32	ICV 32 HA4A Valve housing	**027H3131 *)**
40	ICV 40 (H)A4A Valve housing	**027H4129 *)**
50	ICV 50 (H)A4A Valve housing	**027H5128 **)**
65	ICV 65 (H)A4A Valve housing	**027H6129 **)**

*) Includes valve housing, flange gaskets and flange bolts.
**) Includes valve housing, flange gaskets, flange bolts and flange nuts.

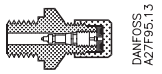
Function modules and top covers must be ordered separately.

Pressure gauge connection (weld / solder).



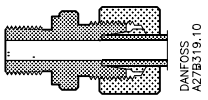
Descripion	Code number
∅ 6.5 mm / ∅ 10 mm (∅ 0.26 in. / ∅ 0.39 in.) weld / solder	**027B2035**

Pressure gauge connection, ¼ in. flare (self-closing) Must not be used in R 717 plant.



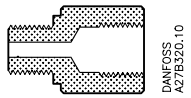
Descripion	Code number
¼ in. flare	**027B2041**

Pressure gauge connection (cutting ring).



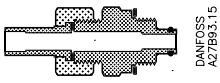
Descripion	Code number
Cutting ring connection, 6 mm	**027B2063**
Cutting ring connection, 10 mm	**027B2064**

Pressure gauge connection.



Descripion	Code number
¼ in. flare	**027B2062**

External pilot connection.



For ICS	Description	Code number
5–80	External pilot connection (incl. damping orifice, D: 1.0 mm)	**027F1048**
100–150	External pilot connection (incl. damping orifice, D: 1.8 mm)	**027F1049**
5–150	Accessory bag with seal and O-ring for pilot valve	**027F0666**

Blanking plug for pilot valves.



Descripion	Code number
Blanking plug	**027F1046**

Accessories
for ICS pilot operated servo valve

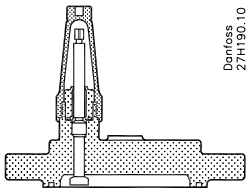
Multi-function tool



For ICS	Descripion	Code number
25–32	Multi-function tool	**027H0180**
40–65	Multi-function tool	**027H0181**

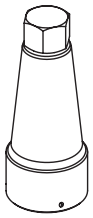
The multi-funktion tool can be used for:
- Removing the ICS function module
- Operating the manual spindle

ICS 100–150 - Top cover complete



For ICS	Description	Code number
100	Top cover complete with manuel spindle, and gasket	**027H7123**
125	Top cover complete with manuel spindle, and gasket	**027H7143**
150	Top cover complete with manuel spindle, and gasket	**027H7163**

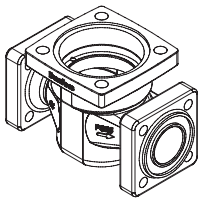
Cap including gasket



For ICS	Description	Code number
100–150	Red cap including gasket	**148B4076**

Accessories
for ICM Motor operated valve and ICAD Actuator

ICV flanged valve housings



For ICS	Description	Code number
25	ICV 25 PM Valve housing	**027H2119** *)
32	ICV 32 PM Valve housing	**027H3129** *)
40	ICV 40 PM Valve housing	**027H4128** *)
50	ICV 50 PM Valve housing	**027H5127** **)
65	ICV 65 PM Valve housing	**027H6128** **)
25	ICV 25 (H)A4A Valve housing	**027H2304** *)
32	ICV 32 A4A Valve housing	**027H3130** *)
32	ICV 32 HA4A Valve housing	**027H3131** *)
40	ICV 40 (H)A4A Valve housing	**027H4129** *)
50	ICV 50 (H)A4A Valve housing	**027H5128** **)
65	ICV 65 (H)A4A Valve housing	**027H6129** **)

*) Includes valve housing, flange gaskets and flange bolts.
**) Includes valve housing, flange gaskets, flange bolts and flange nuts.

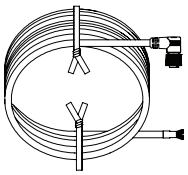
Function modules and top covers must be ordered separately.

ICAD-UPS



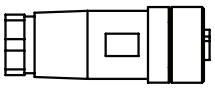
Descripion	Code number
ICAD-UPS	**027H0182**

Cable for ICAD 600A/1200A



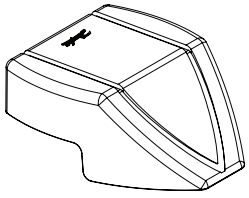
Description	Code number
Cable set 1.5 m, female	**027H0426**
Cable set 3 m, female	**027H0438**
Cable set 10 m, female	**027H0427**
Cable set 15 m, female	**027H0435**

Connectors for ICAD 600A/1200A



Descripion	Code number
Two Female Connectors with screw terminals: - connector for power - connector for control signals	**027H0430**

Protection cap ICAD 600A/1200A



Descripion	Code number
Protection cap	**027H0431**

Accessories
for ICM Motor operated valve and ICAD Actuator

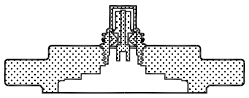
Multi-function tool



For ICM	Descripion	Code number
20–32	Multi-function tool	**027H0180**
40–65	Multi-function tool	**027H0181**

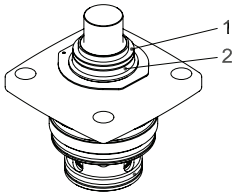
The multi-funktion tool can be used for:
- Removing the ICS function module
- Operating the manual spindle

ICS 100–150 - Top cover complete



For ICM	Description	Code number
100	Top cover complete with magnet coupling and gasket	**027H7133**
125	Top cover complete with magnet coupling and gasket	**027H7153**
150	Top cover complete with magnet coupling and gasket	**027H7173**

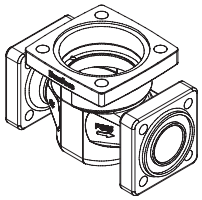
Installation kit for ICAD



For ICM	Description	Code number
20-32	External O-rings (1 + 2) and hexagon bolts (Molykote® G-4500 grease included)	**027H1207**
40-150	External O-rings (1 + 2) and hexagon bolts (Molykote® G-4500 grease included)	**027H1208**

Accessories for ICLX 2-step solenoid valve

ICV flanged valve housings

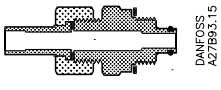


For ICS	Description	Code number
32	ICV 32 PM Valve housing	**027H3129 *)**
40	ICV 40 PM Valve housing	**027H4128 *)**
50	ICV 50 PM Valve housing	**027H5127 **)**
65	ICV 65 PM Valve housing	**027H6128 **)**
32	ICV 32 A4A Valve housing	**027H3130 *)**
32	ICV 32 HA4A Valve housing	**027H3131 *)**
40	ICV 40 (H)A4A Valve housing	**027H4129 *)**
50	ICV 50 (H)A4A Valve housing	**027H5128 **)**
65	ICV 65 (H)A4A Valve housing	**027H6129 **)**

*) Includes valve housing, flange gaskets and flange bolts.
**) Includes valve housing, flange gaskets, flange bolts and flange nuts.

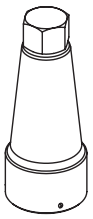
Function modules and top covers must be ordered separately.

External pilot connection.



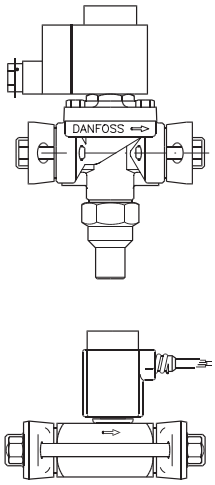
For ICLX	Description	Code number
32–80	External pilot connection (incl. damping orifice, D: 1.0 mm)	**027F1048**
32–80	External pilot connection ($^1/_4$" FPT) (incl. damping orifice, D: 1.0 mm)	**027B2065**
100–150	External pilot connection (incl. damping orifice, D: 1.8 mm)	**027F1049**
100–150	External pilot connection ($^1/_4$" FPT) (incl. damping orifice, D: 1.8 mm)	**027B2066**
5–150	Accessory bag with seal and O-ring for pilot valve	**027F0666**
32–80	Damping orifice for EVM. 10 pcs, (D: 1.0 mm)	**027F0664**
100–150	Damping orifice for EVM. 10 pcs, (D: 1.8 mm)	**027F0176**

Cap including gasket

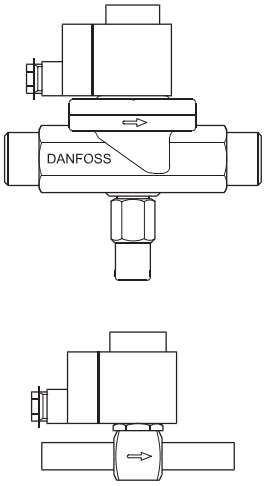


For ICLX	Description	Code number
32–40	Metalic cap including gasket	**148B4576**
50–100	Red cap including gasket	**148B4075**
125–150	Red cap including gasket	**148B4076**

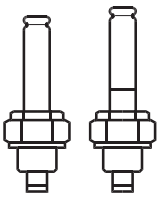
Solenoid valves, types EVRA, EVRAT, EVRS and EVRST
Pilot valves, types EVM (NC) and EVM (NO)



EVRA/EVRAT



EVRS/EVRST



EVM (NC/NO)

Valve type	Size	See details on page #	Code no.
Inspection kits			
EVRA	25	132	**032F2326**
EVRA	32/40	133	**032F2327***
Repair kits			
EVRA / EVRS	3	134	**032F2329**
EVRA / EVRS	10	135	**032F2330**
EVRA / EVRS	15	136	**032F2331**
EVRA / EVRS	20	137	**032F2332**
EVRA / EVRS	25	138	**032F2333**
EVRA / EVRS	32	139	**032F2334**
EVRA / EVRS	40	140	**032F2335**
EVRAT / EVRST	10	141	**032F2343**
EVRAT / EVRST	15	142	**032F2344**
EVRAT / EVRST	20	143	**032F2345**
EVM NC		144	**032F2324**
EVM NO		145	**032F2325**
Overhaul kits (Previous valve design)			
EVRA	10	146	**032F2202**
EVRA	15	147	**032F2209**
EVRA	20	148	**032F2210**
EVRA	25	149	**032F2218**
EVRAT	10	150	**032F2321**
EVRAT	15	151	**032F2322**
EVRAT	20	152	**032F2323**

* Also applicable for AKVA 20

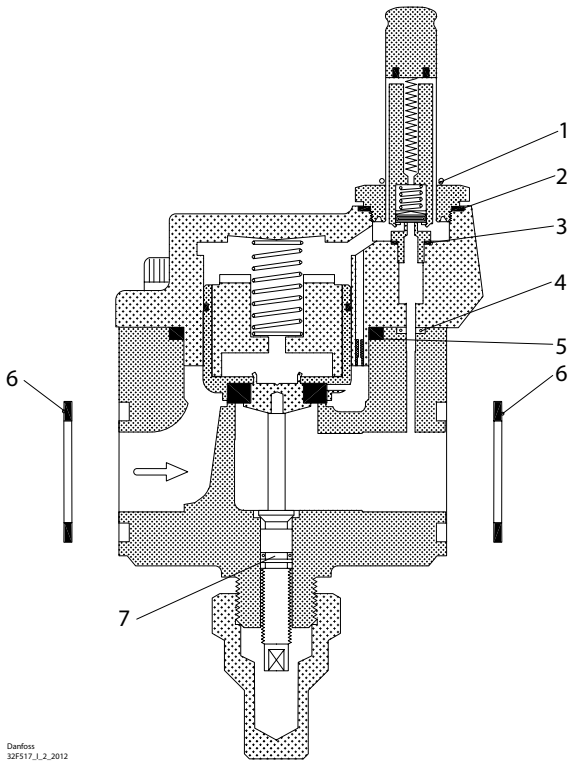
Valve type	Size	See details on page #	Code no.
Overhaul kits (Current valve design)			
EVRA / EVRS	3	153	**032F2336**
EVRA / EVRS	10	154	**032F2337**
EVRA / EVRS	15	155	**032F2338**
EVRA / EVRS	20	156	**032F2339**
EVRA / EVRS	25	157	**032F2340**
EVRA / EVRS	32	158	**032F2341**
EVRA / EVRS	40	159	**032F2342**
EVRAT / EVRST	10	160	**032F2346**
EVRAT / EVRST	15	161	**032F2347**
EVRAT / EVRST	20	162	**032F2348**

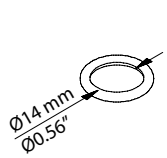
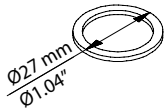
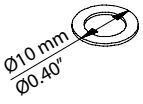
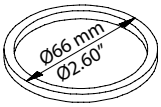
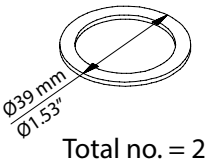
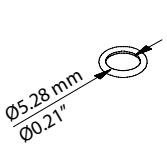
Inspection kits:
Contain all gaskets, O-rings and aluminium rings belonging to 1 valve size.
For detailed content, see specific pages mentioned above.

Repair kits:
Contain all gaskets, O-rings and aluminium rings belonging to 1 valve size, armature, diaphram, piston and piston ring.
For detailed content, see specific pages mentioned above.

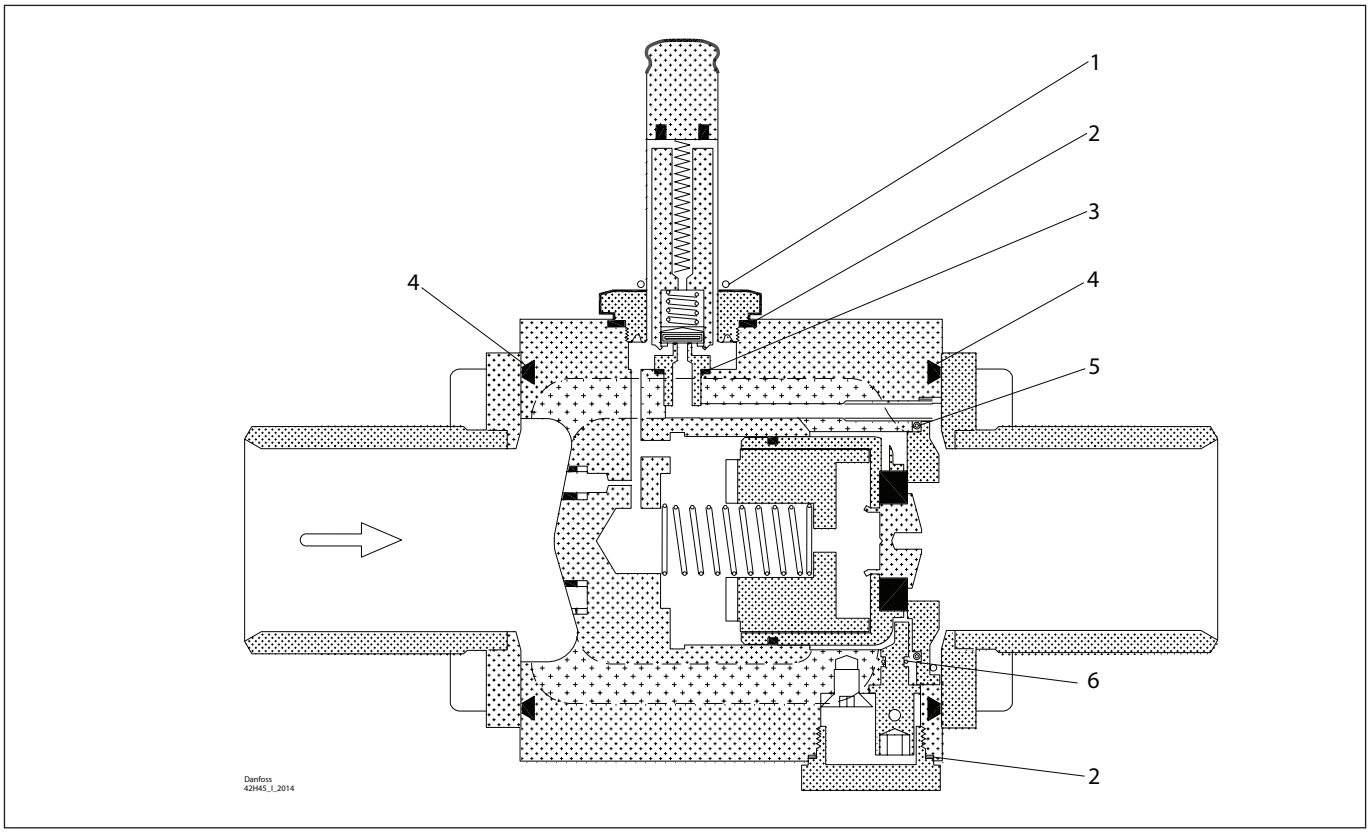
Overhaul kits:
Contain all gaskets, O-rings and aluminium rings belonging to 1 valve size and parts that could be damaged or worn out.
For detailed content, see specific pages mentioned above.

Inspection kit | Code number 032F2326
Solenoid valve, type EVRA, size 25



1  Total no. = 1	**2** = Alu.  Total no. = 1	**3** = Alu.  Total no. = 1	**4**  Total no. = 1	**5** = Rubber  Total no. = 1	**6** = Fibre  Total no. = 2
7  Total no. = 1					

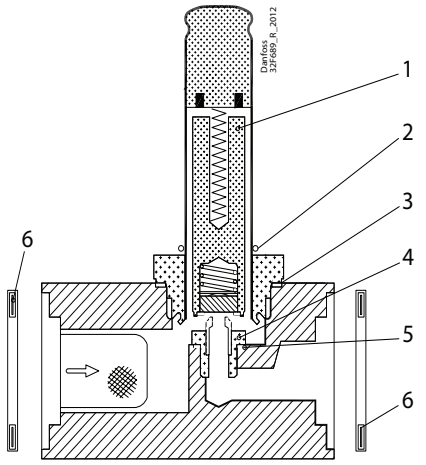
Inspection kit | Code number 032F2327
Solenoid valve, type EVRA, size 32/40



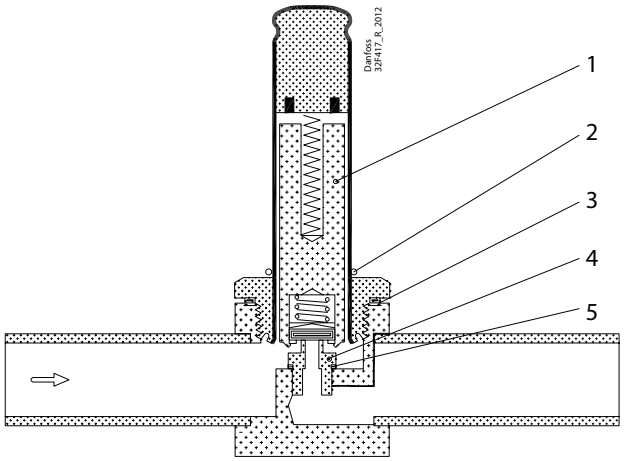
1 Ø14 mm Ø0.56" Total no. = 1	**2** = Alu. Ø27 mm Ø1.04" Total no. = 2	**3** = Alu. Ø10 mm Ø0.40" Total no. = 1	**4** Ø66 mm Ø2.60" Total no. = 2	**5** Ø42 mm Ø1.66" Total no. = 1
6 Ø4 mm Ø0.2" Total no. = 1				

032F2327 can also be used for electric expansion valve, type AKVA 20

Repair kit | Code number 032F2329
Solenoid valves, types EVRA and EVRS, size 3

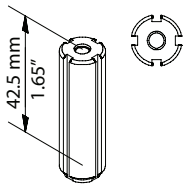


EVRA



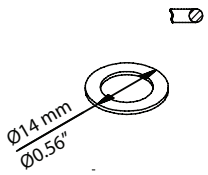
EVRS

1 For AC / DC



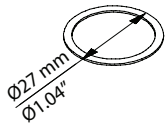
Total no. = 1

2



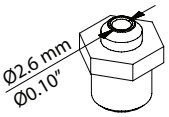
Total no. = 1

3 = Alu.



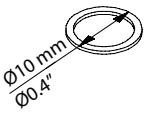
Total no. = 1

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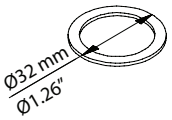
Total no. = 1

5 = Alu.



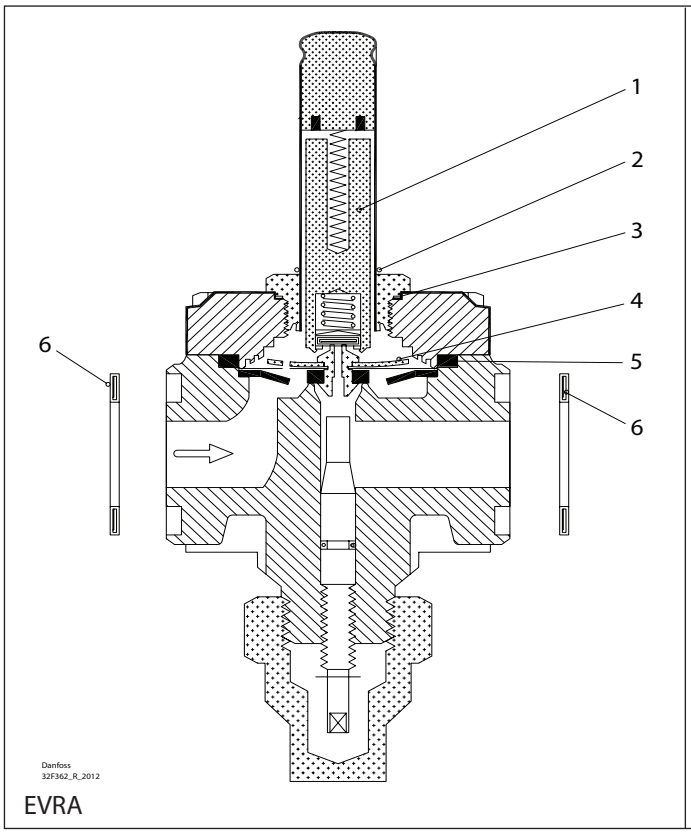
Total no. = 1

6 = Fibre

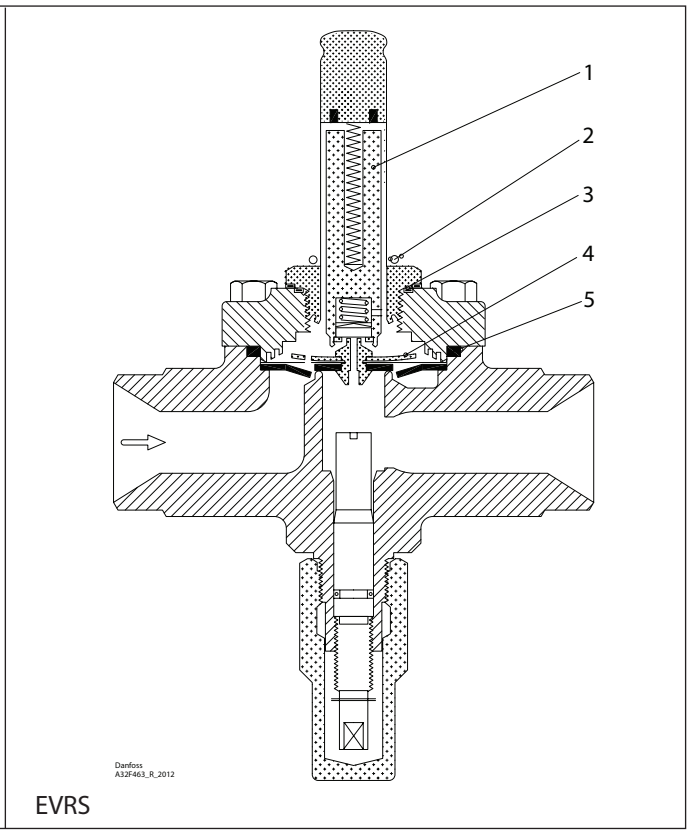


Total no. = 2

Repair kit | Code number 032F2330
Solenoid valves, types EVRA and EVRS, size 10

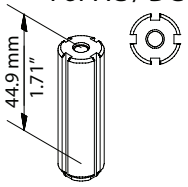


EVRA



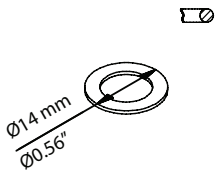
EVRS

1 For AC / DC



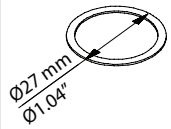
Total no. = 1

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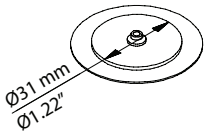
Total no. = 1

3 = Alu.



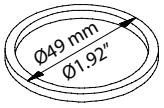
Total no. = 1

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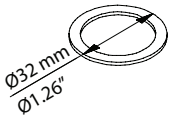
Total no. = 1

5 = Rubber



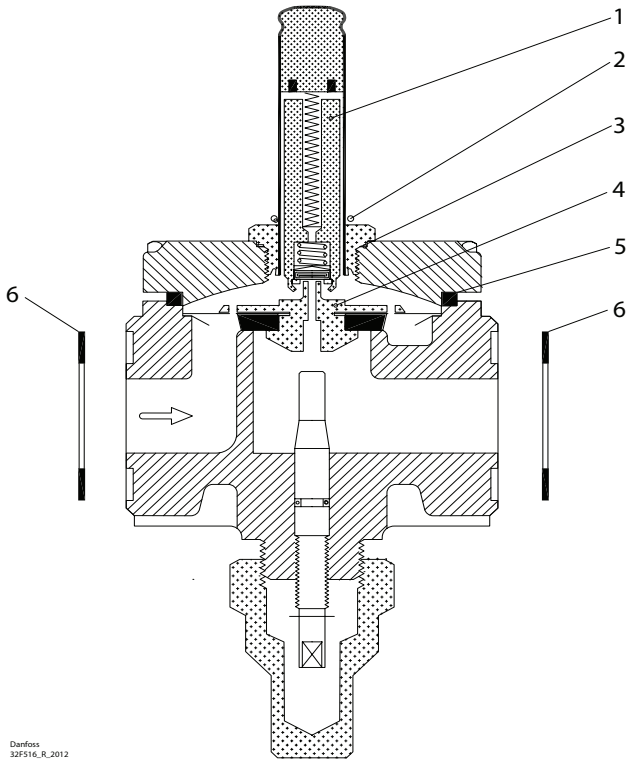
Total no. = 1

6 = Fibre

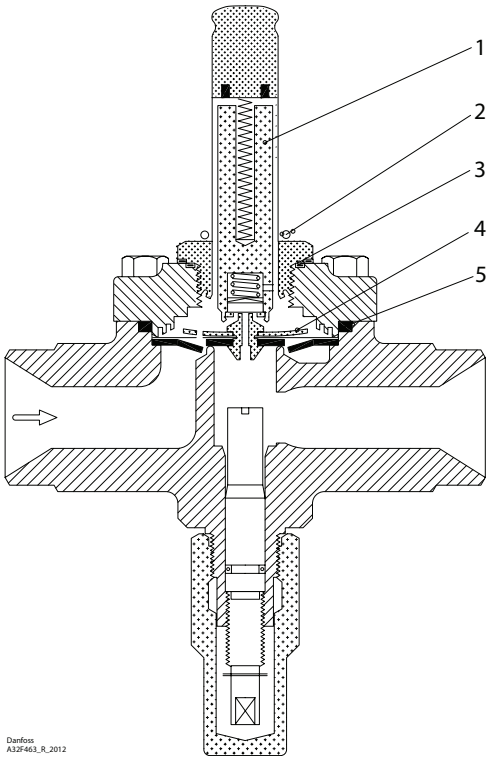


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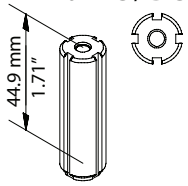
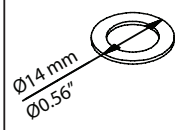
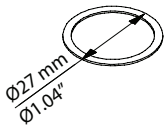
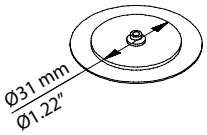
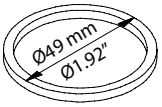
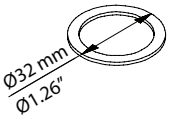
Repair kit | Code number 032F2331
Solenoid valves, types EVRA and EVRS, size 15



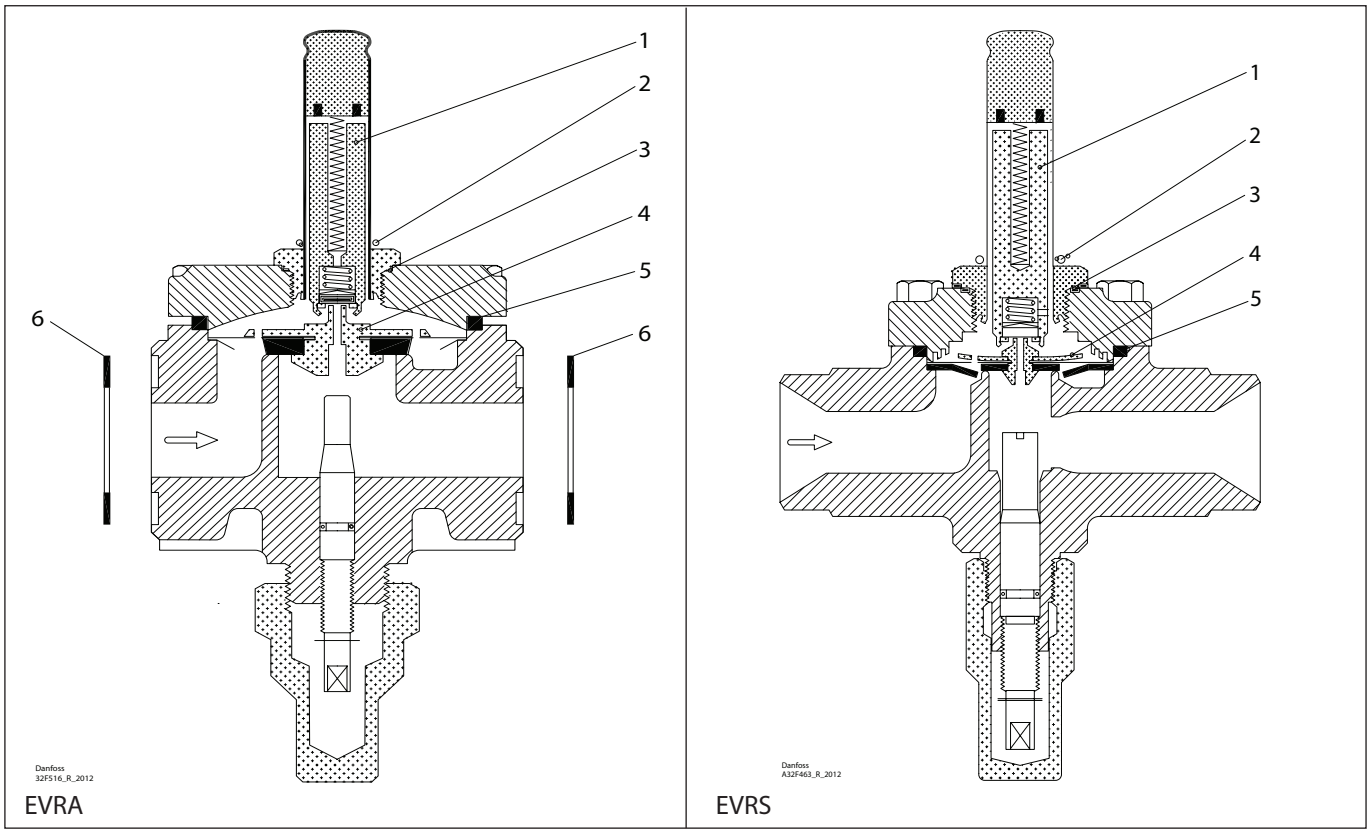
EVRA



EVRS

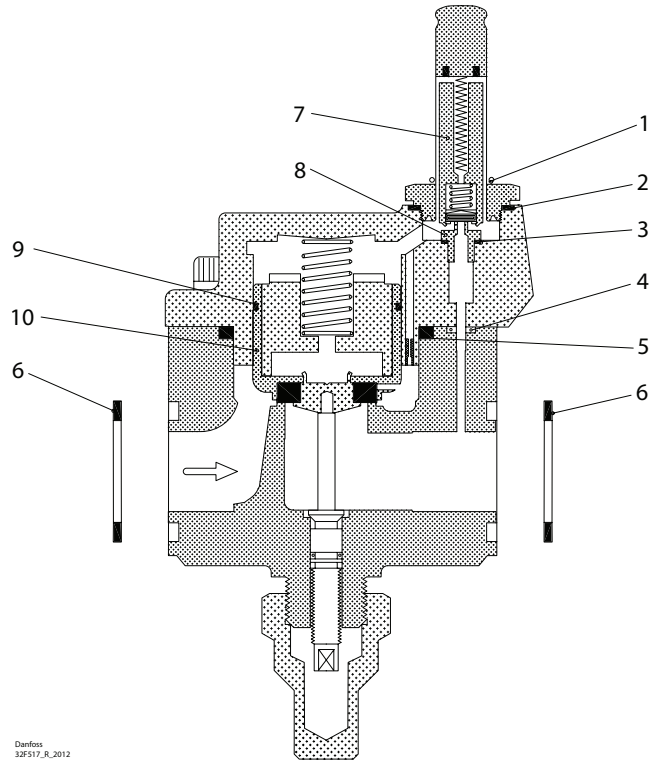
1	2	3	4	5	6
For AC / DC  Total no. = 1	  Total no. = 1	= Alu.  Total no. = 1	 Total no. = 1	= Rubber  Total no. = 1	= Fibre  Total no. = 2

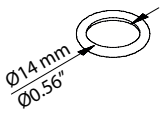
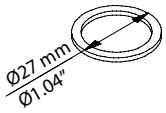
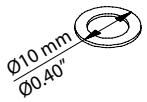
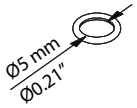
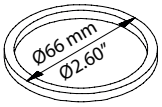
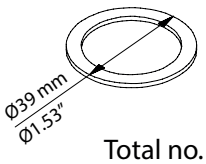
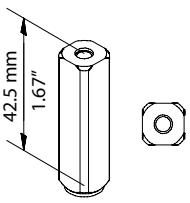
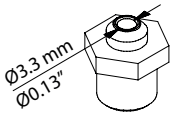
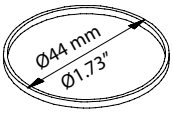
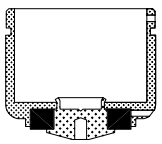
Repair kit | Code number 032F2332
EVRA and EVRS, size 20



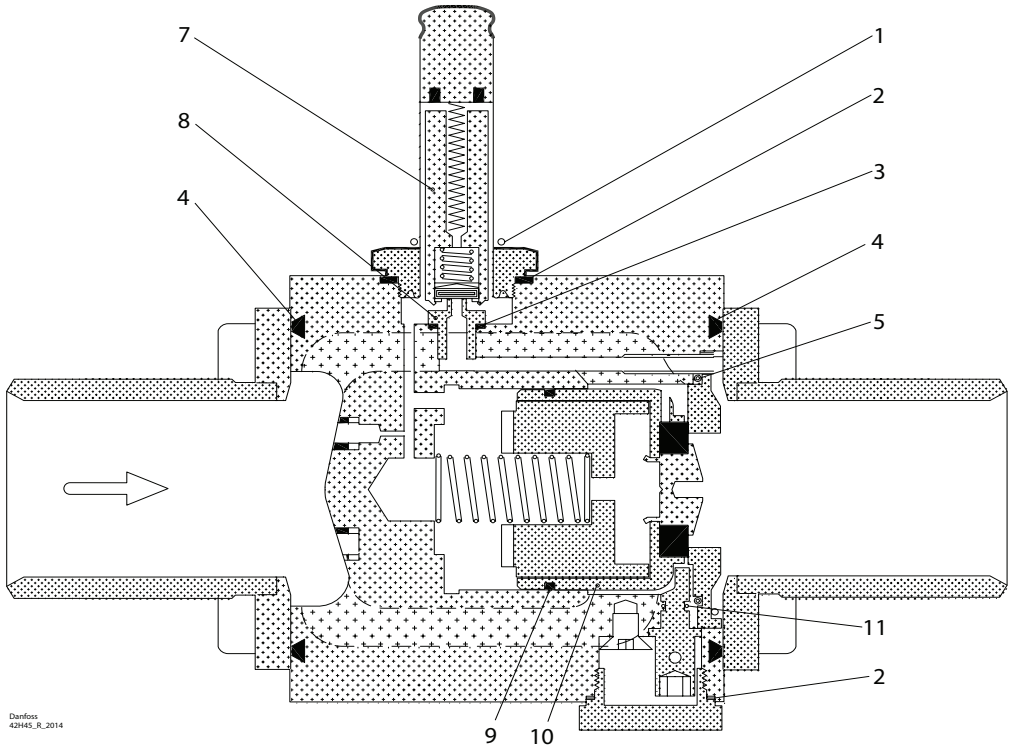
1 For AC / DC 44.9 mm 1.71" Total no. = 1	**2** Ø14 mm Ø0.56" Total no. = 1	**3** = Alu. Ø27 mm Ø1.04" Total no. = 1	**4** Ø38 mm Ø1.5" Total no. = 1	**5** = Rubber Ø64 mm Ø2.52" Total no. = 1	**6** = Fibre Ø39 mm Ø1.54" Total no. = 2

Repair kit | Code number 032F2333
Solenoid valve, type EVRA, size 25



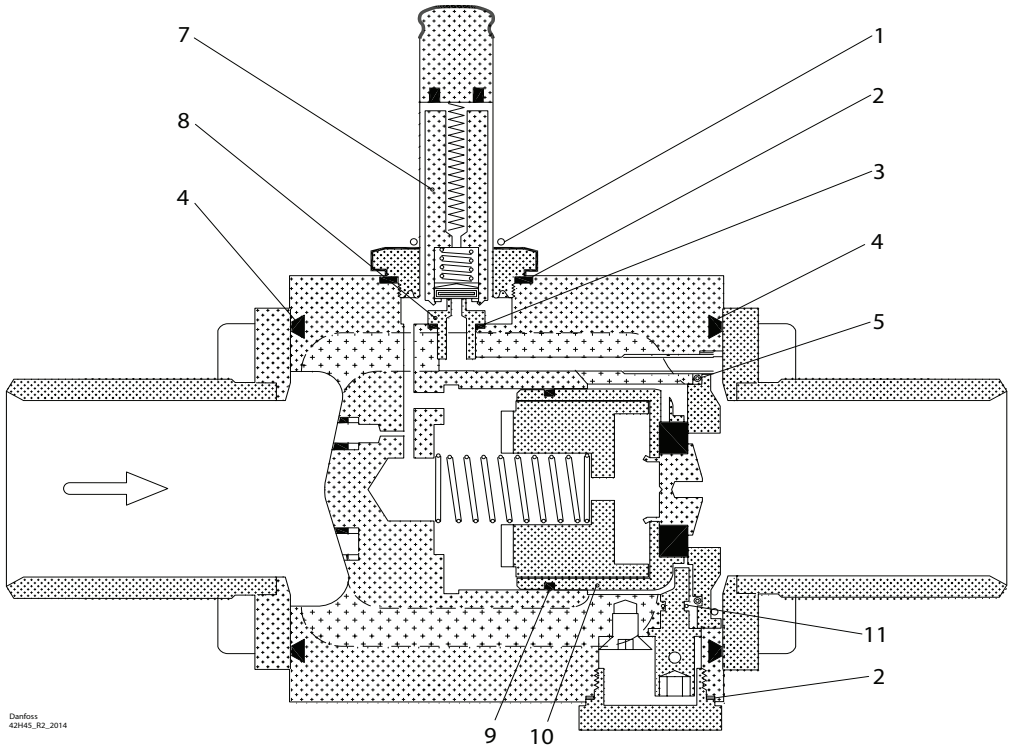
1  Total no. = 1	**2** = Alu.  Total no. = 1	**3** = Alu.  Total no. = 1	**4**  Total no. = 1	**5** = Rubber  Total no. = 1
6 = Fibre  Total no. = 2	**7**  Total no. = 1	**8**  Total no. = 1	**9** = Steel  Total no. = 1	**10**  Total no. = 1

Repair kit | Code number 032F2334
Solenoid valve, type EVRA, size 32



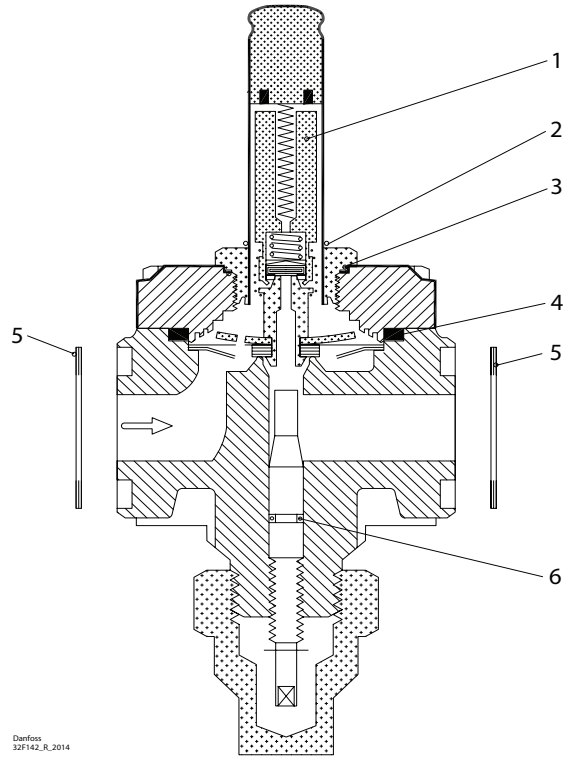
1 Ø14 mm Ø0.56" Total no. = 1	**2** = Alu. Ø27 mm Ø1.04" Total no. = 2	**3** = Alu. Ø10 mm Ø0.40" Total no. = 1	**4** Ø66 mm Ø2.60" Total no. = 2	**5** Ø42 mm Ø1.66" Total no. = 1
7 42.5 mm 1.67" Total no. = 1	**8** Ø3.3 mm Ø0.13" Total no. = 1	**9** = Steel Ø44 mm Ø1.73" Total no. = 1	**10** Total no. = 1	**11** Ø4 mm Ø0.2" Total no. = 1

Repair kit | Code number 032F2335
Solenoid valve, type EVRA, size 40

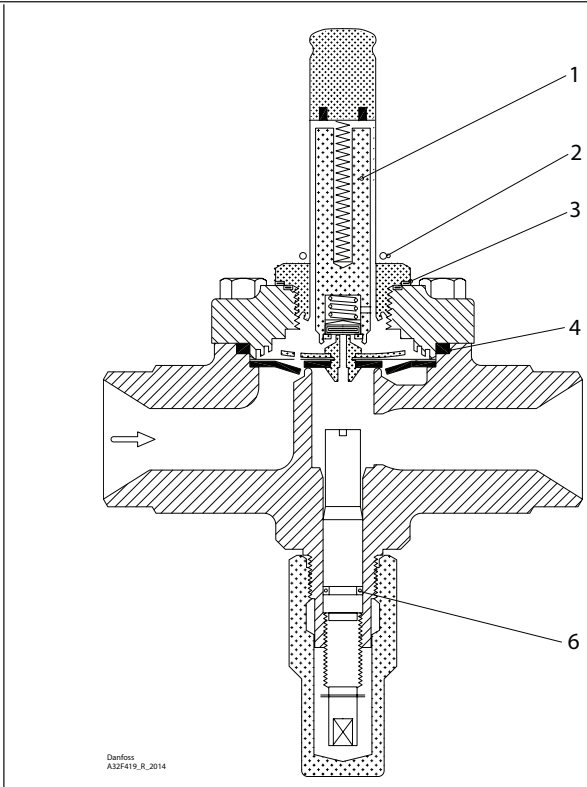


1 Ø14 mm Ø0.56" Total no. = 1	**2** = Alu. Ø27 mm Ø1.04" Total no. = 2	**3** = Alu. Ø10 mm Ø0.40" Total no. = 1	**4** Ø66 mm Ø2.60" Total no. = 2	**5** Ø42 mm Ø1.66" Total no. = 1
7 42.5 mm 1.67" Total no. = 1	**8** Ø3.3 mm Ø0.13" Total no. = 1	**9** = Steel Ø44 mm Ø1.73" Total no. = 1	**10** Total no. = 1	**11** Ø4 mm Ø0.2" Total no. = 1

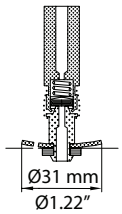
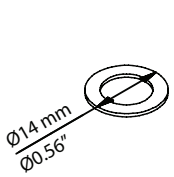
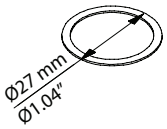
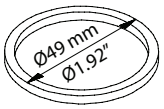
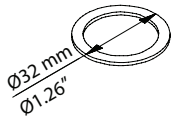
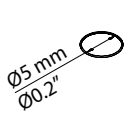
Repair kit | Code number 032F2343
Solenoid valves, types EVRAT and EVRST, size 10



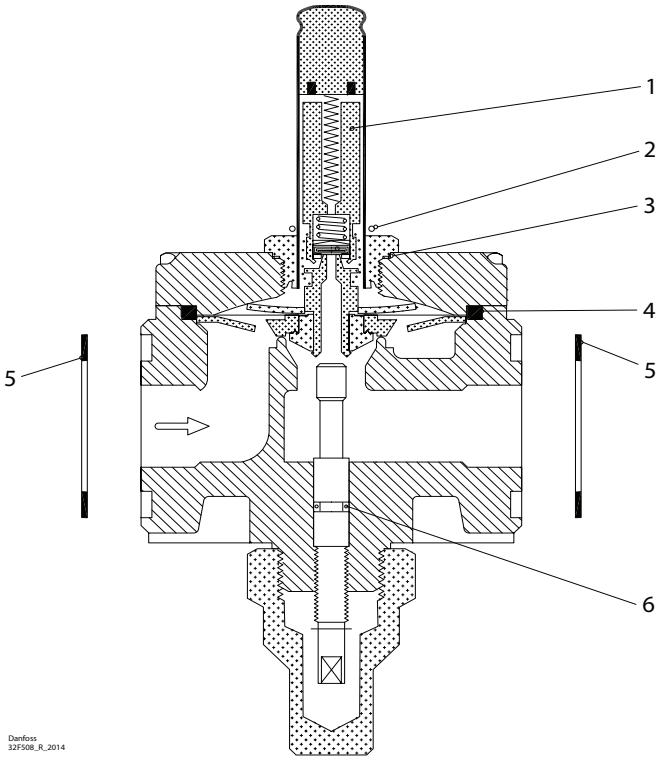
EVRAT



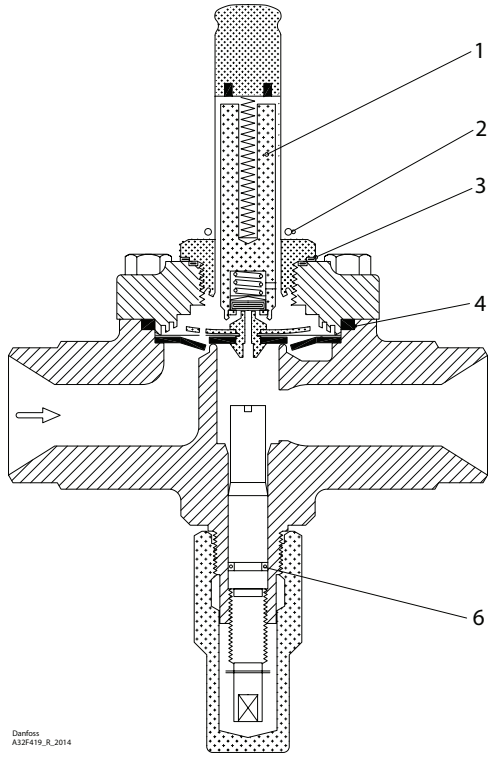
EVRST

1  Total no. = 1	**2**  Total no. = 1	**3** = Alu.  Total no. = 1	**4** = Rubber  Total no. = 1	**5** = Fibre  Total no. = 2
6  Total no. = 1				

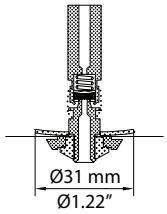
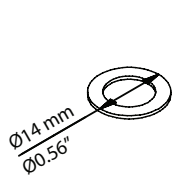
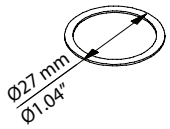
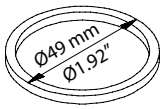
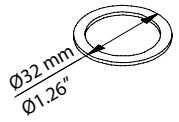
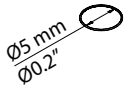
Repair kit | Code number 032F2344
Solenoid valves, types EVRAT and EVRST, size 15



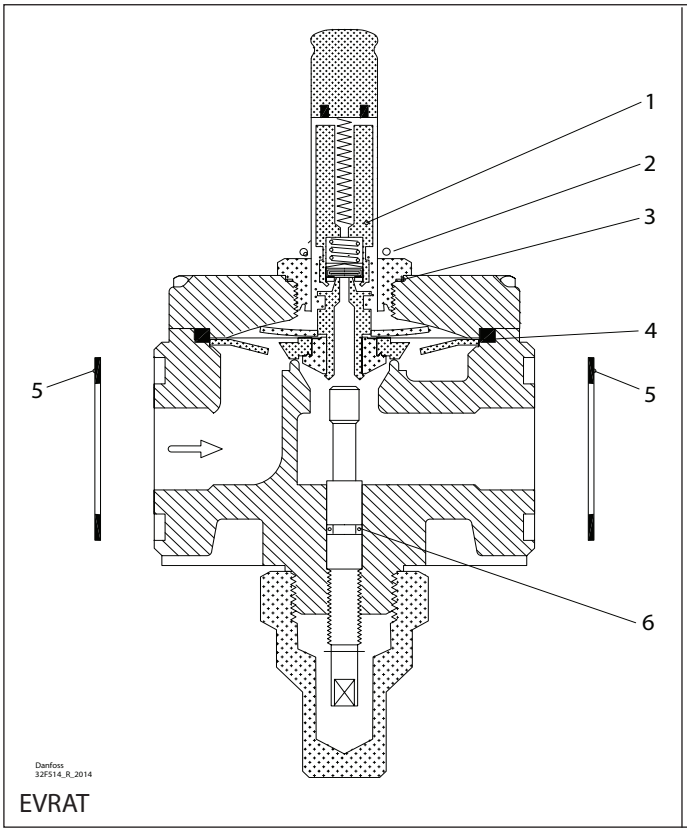
EVRAT



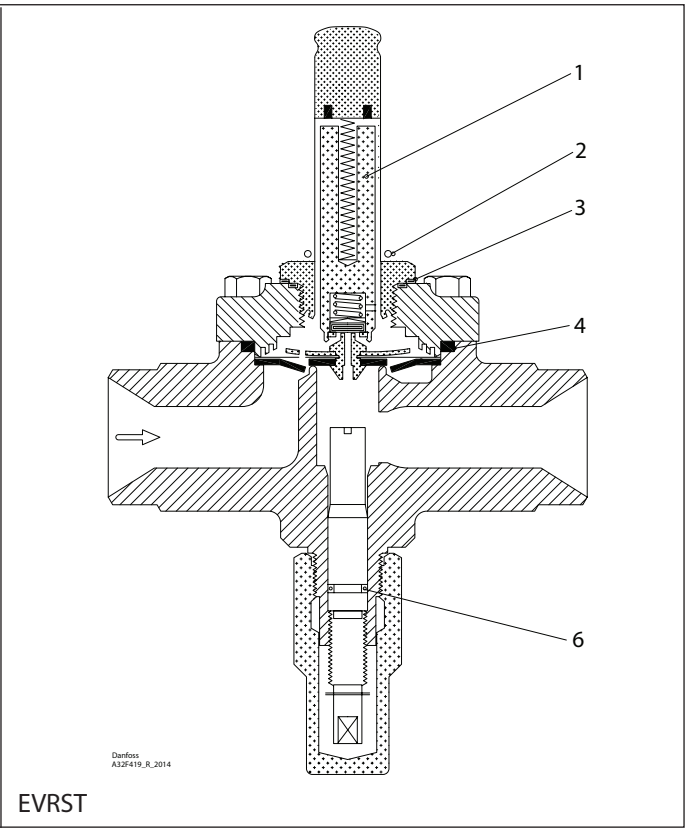
EVRST

1  Total no. = 1	**2**  Total no. = 1	**3** = Alu.  Total no. = 1	**4** = Rubber  Total no. = 1	**5** = Fibre  Total no. = 2
6  Total no. = 1				

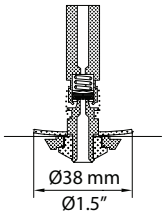
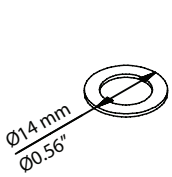
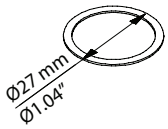
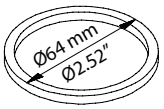
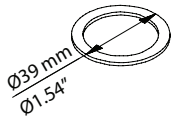
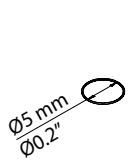
Repair kit | Code number 032F2345
Solenoid valves, types EVRAT and EVRST, size 20



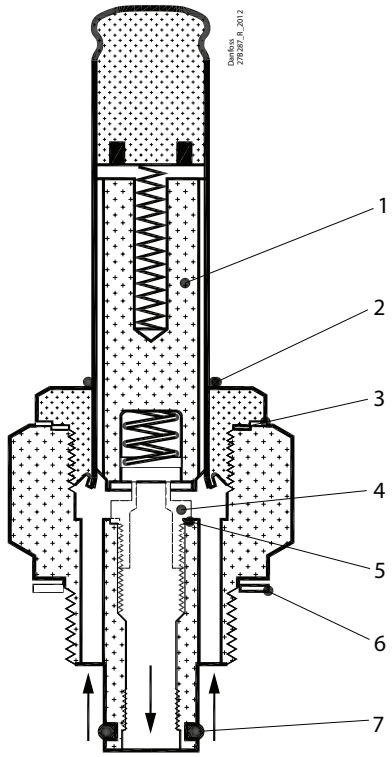
EVRAT



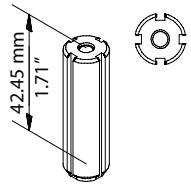
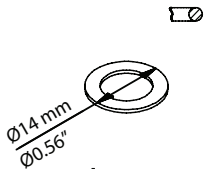
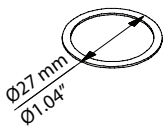
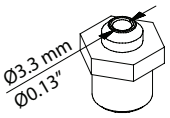
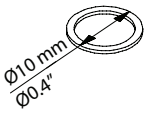
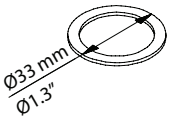
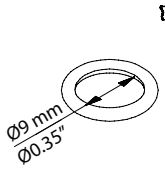
EVRST

1  Total no. = 1	**2**  Total no. = 1	**3** = Alu.  Total no. = 1	**4** = Rubber  Total no. = 1	**5** = Fibre  Total no. = 2
6  Total no. = 1				

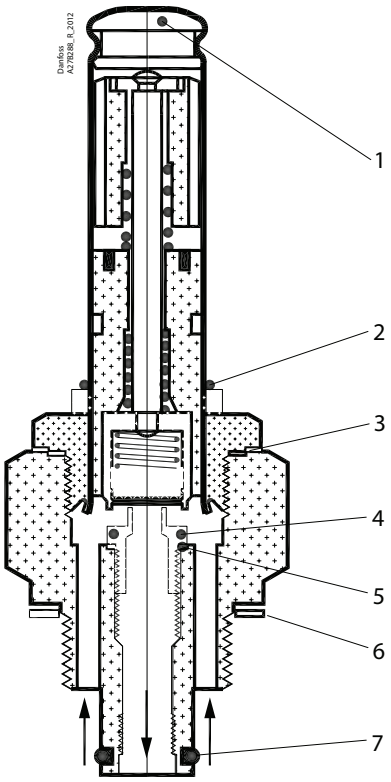
Repair kit | Code number 032F2324
Pilot valves, types EVM (NC)



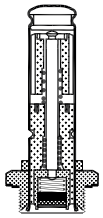
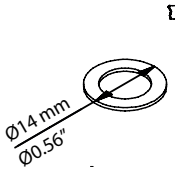
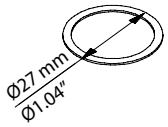
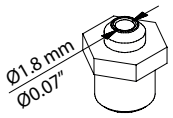
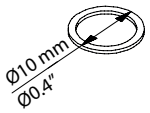
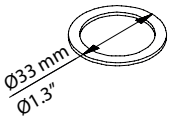
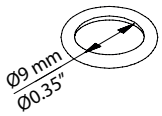
EVM NC

1  Total no. = 1	**2**  Total no. = 1	**3** = Alu.  Total no. = 1	**4**  Total no. = 1	**5** = Alu.  Total no. = 1	**6** = Fibre  Total no. = 1
7  Total no. = 1					

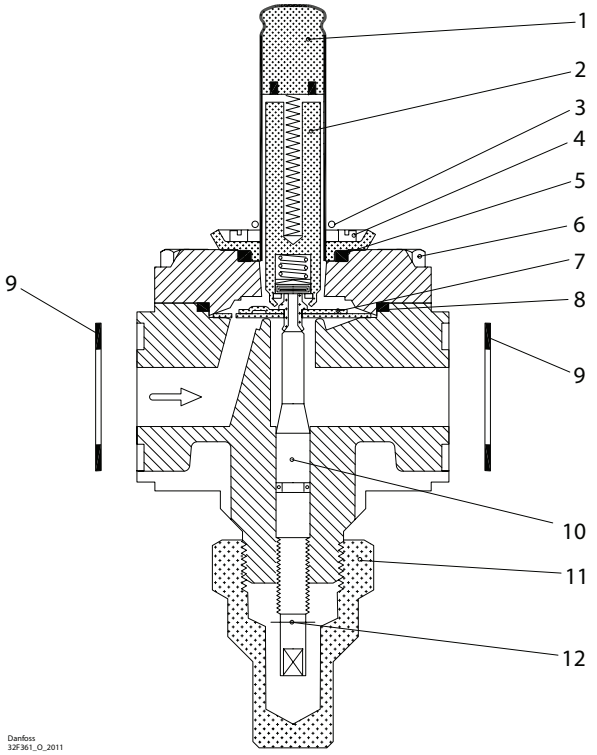
Repair kit | Code number 032F2325
Pilot valves, types EVM (NO)

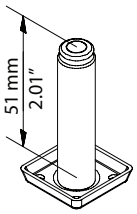
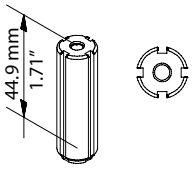
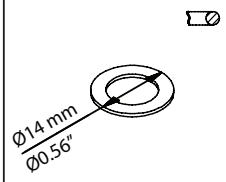
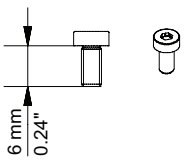
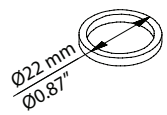
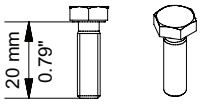
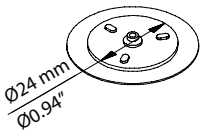
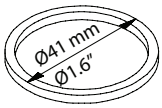
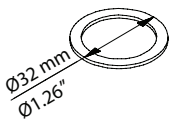
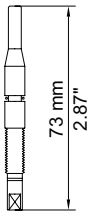
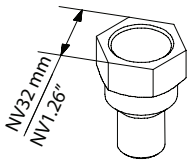
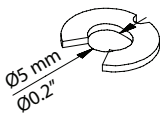


EVM NO

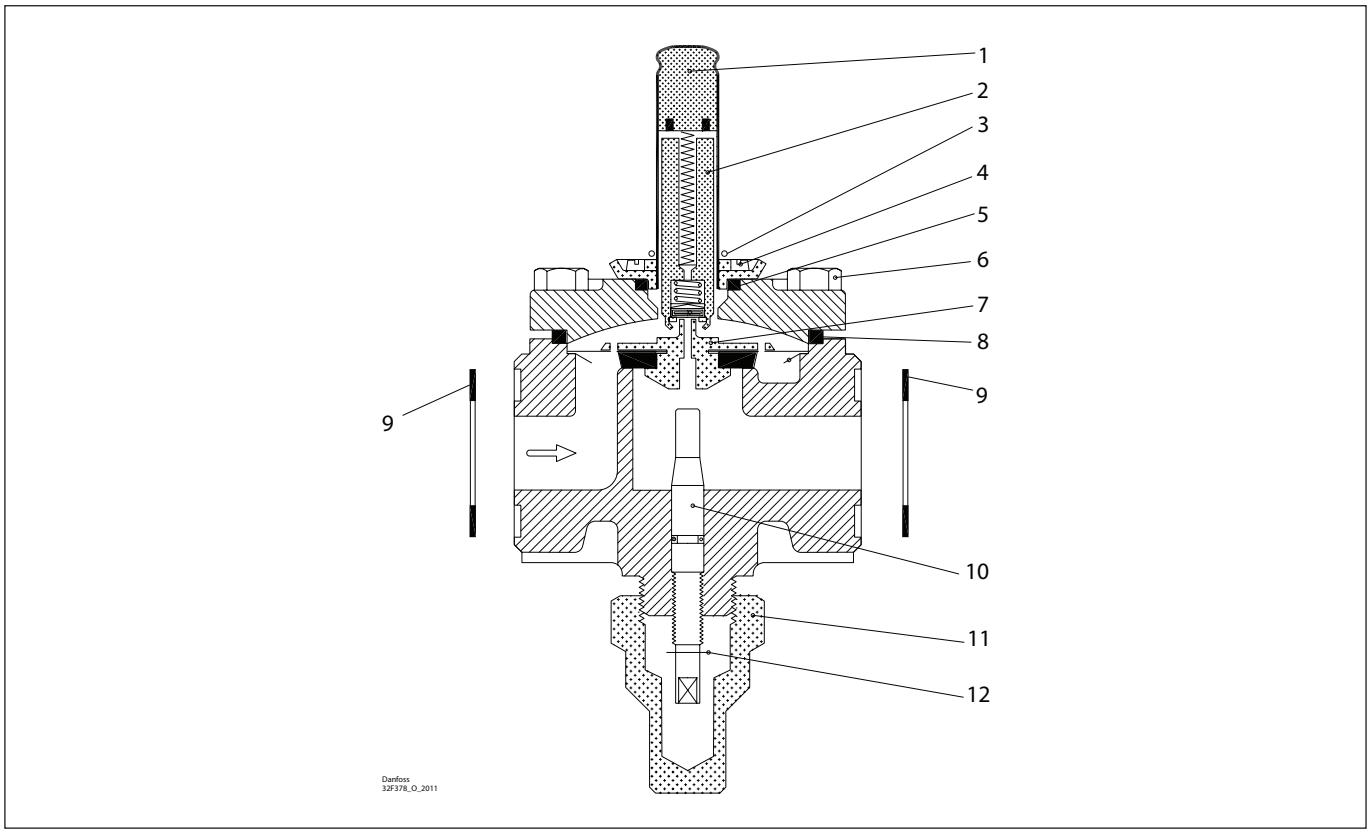
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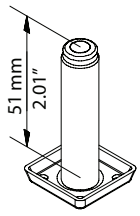
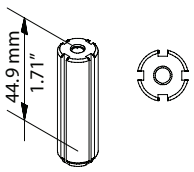
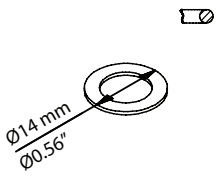
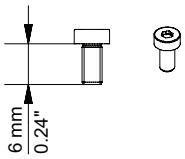
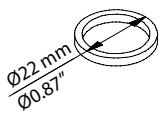
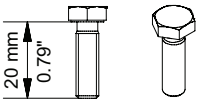
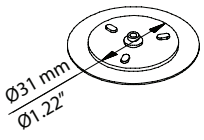
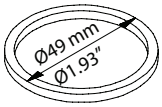
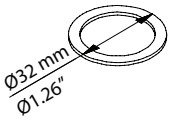
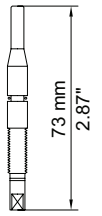
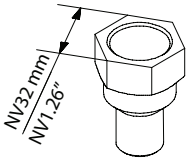
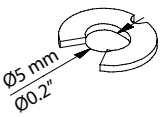
Overhaul kit | Code number 032F2202
Solenoide valve, type EVRA, size 10 (previous design)



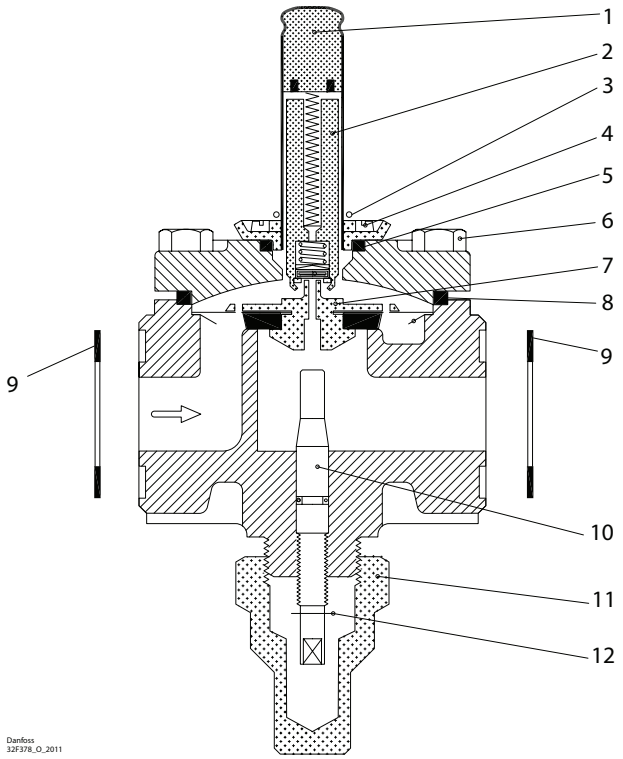
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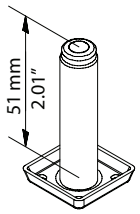
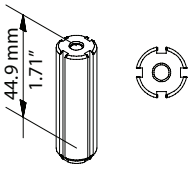
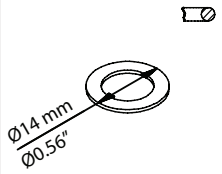
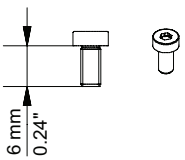
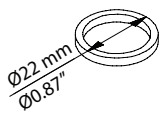
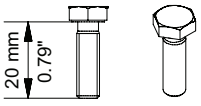
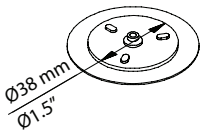
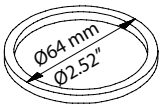
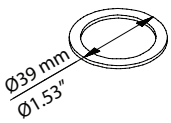
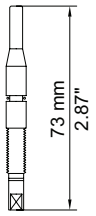
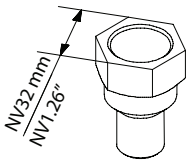
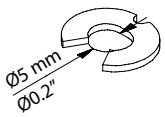
Overhaul kit | Code number 032F2209
Solenoide valve, type EVRA, size 15 (previous design)



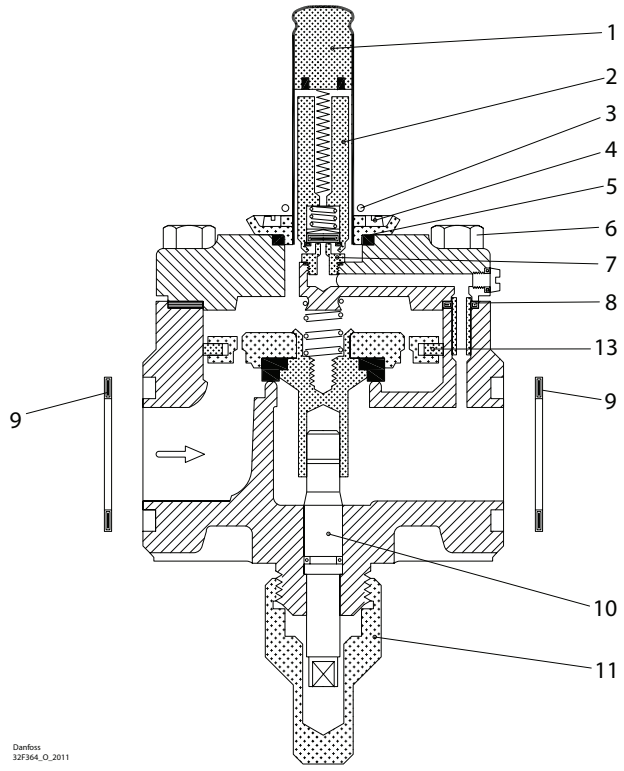
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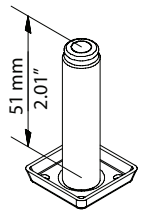
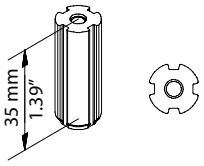
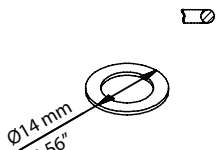
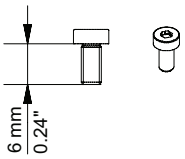
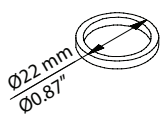
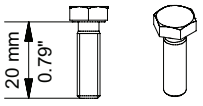
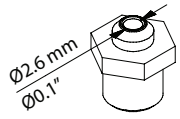
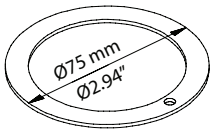
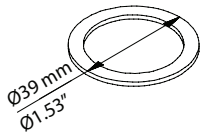
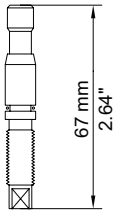
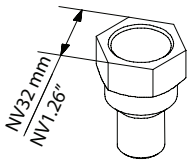
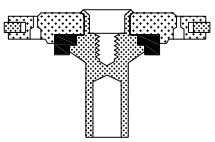
Overhaul kit | Code number 032F2210
Solenoide valve, type EVRA, size 20 (previous design)



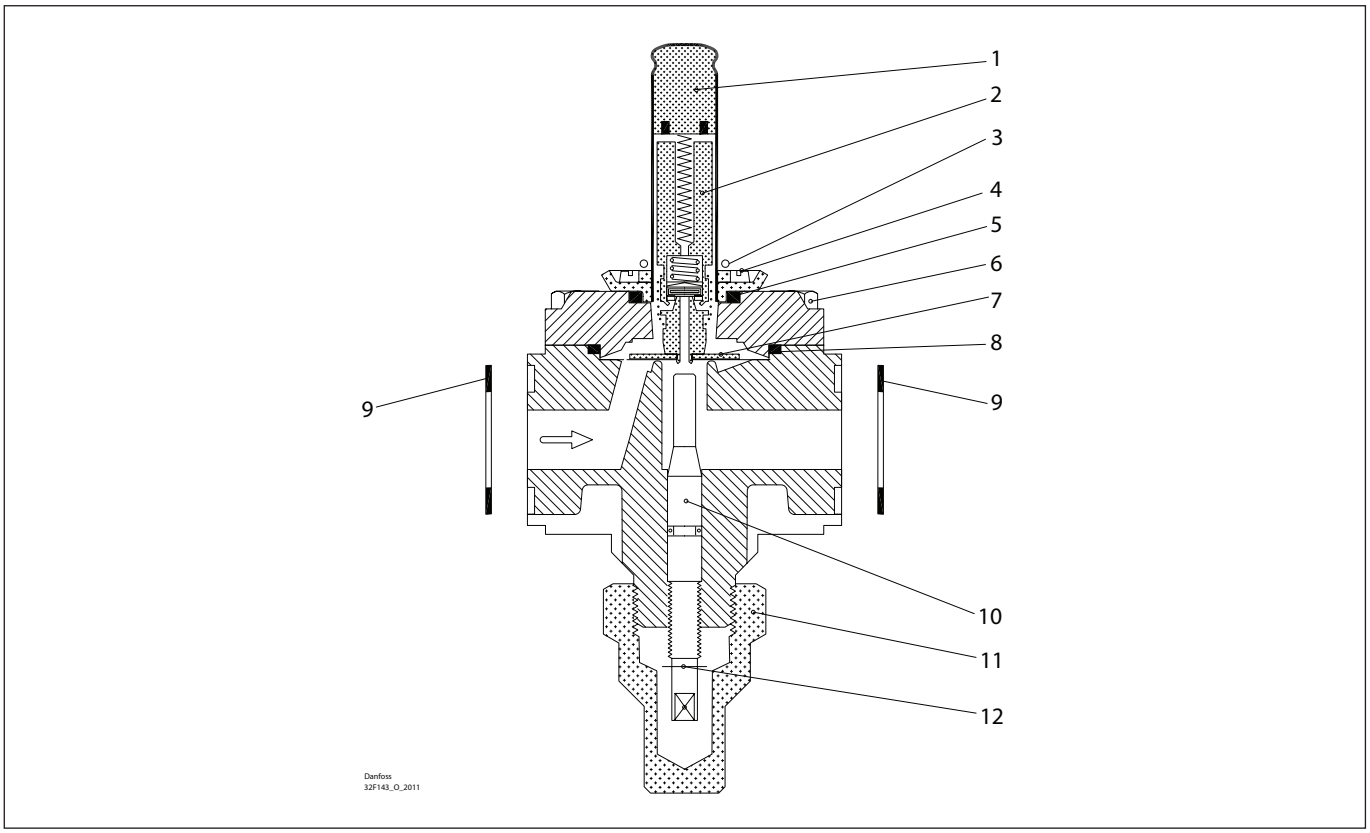
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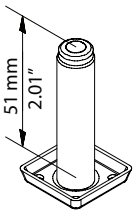
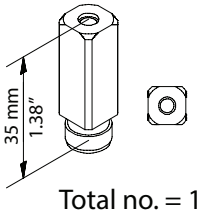
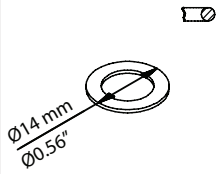
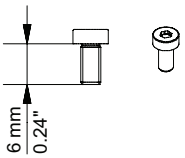
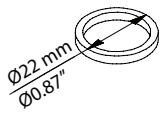
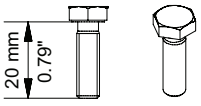
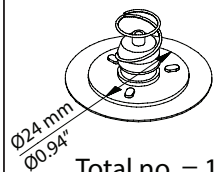
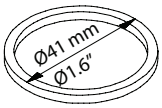
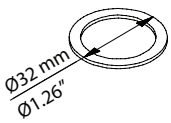
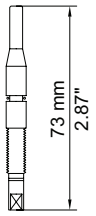
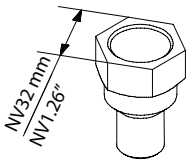
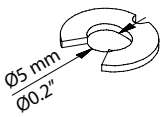
Overhaul kit | Code number 032F2218
Solenoide valve, type EVRA, size 25 (previous design)



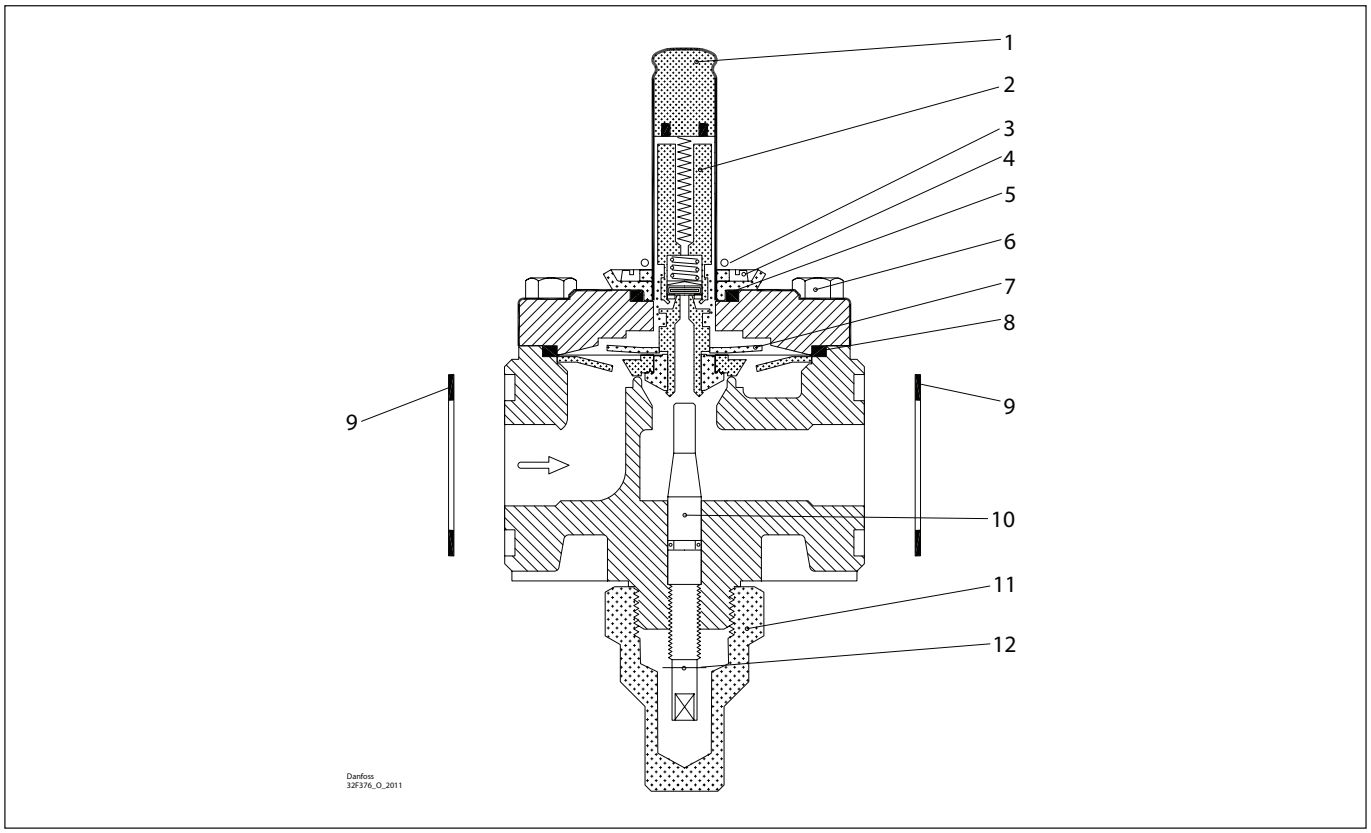
1  Total no. = 1	**2** For AC/DC  Total no. = 1	**3**  Total no. = 1	**4**  Total no. = 4	**5** = Rubber  Total no. = 1	**6**  Total no. = 4
7  Total no. = 1	**8** = Fibre  Total no. = 1	**9** = Fibre  Total no. = 2	**10**  Total no. = 1	**11**  Total no. = 1	**13**  Total no. = 1

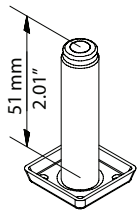
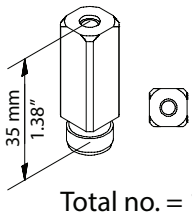
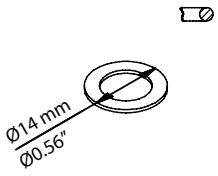
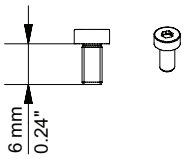
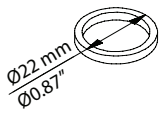
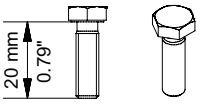
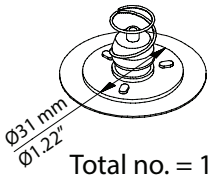
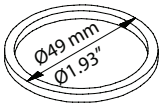
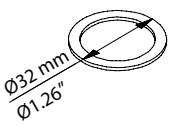
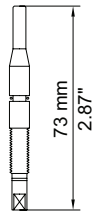
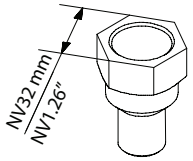
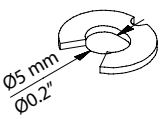
Overhaul kit | Code number 032F2321
Solenoide valve, type EVRAT, size 10 (previous design)



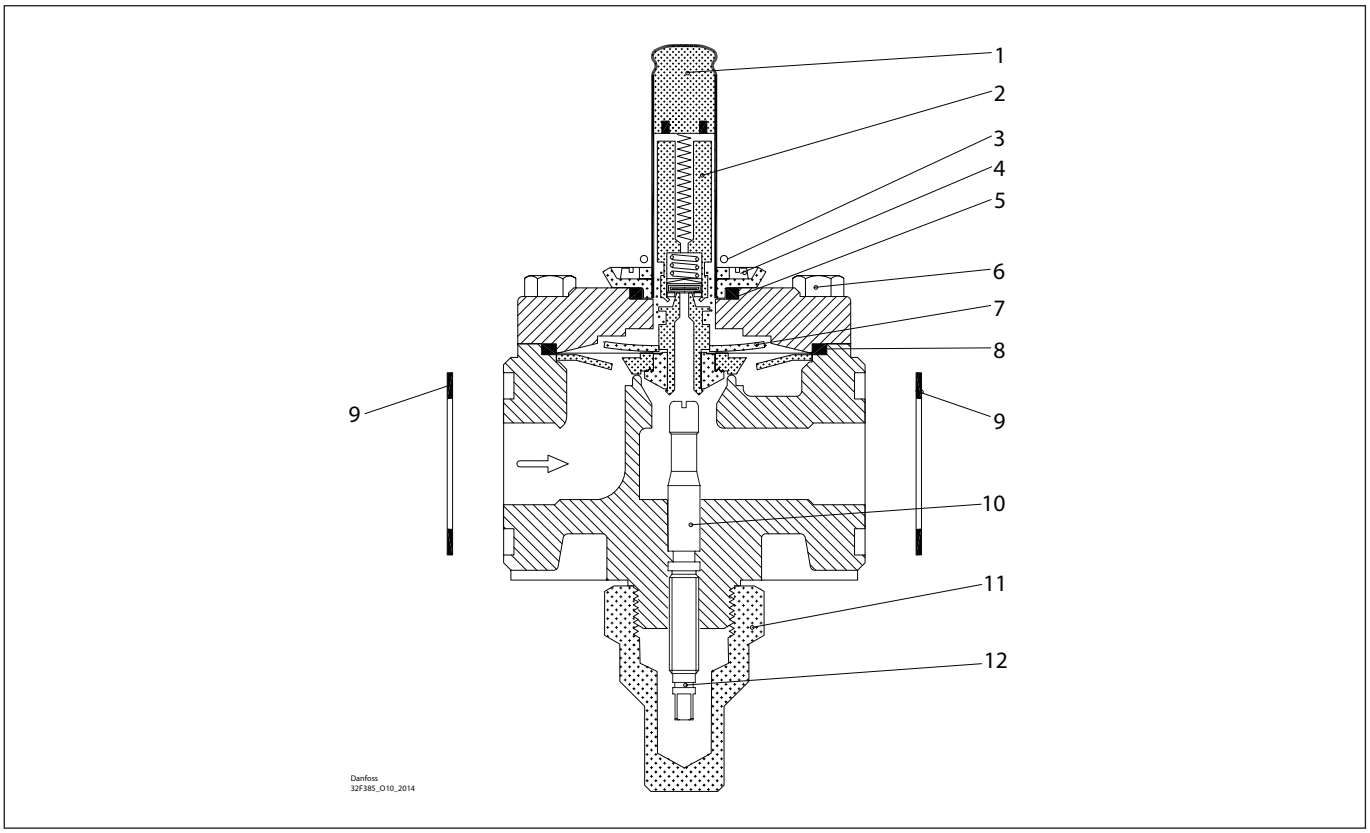
1  Total no. = 1	**2**  Total no. = 1	**3**  Total no. = 1	**4**  Total no. = 4	**5** = Rubber  Total no. = 1	**6**  Total no. = 4
7  Total no. = 1	**8** = Rubber  Total no. = 1	**9** = Fibre  Total no. = 2	**10**  Total no. = 1	**11**  Total no. = 1	**12**  Total no. = 1

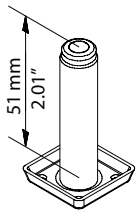
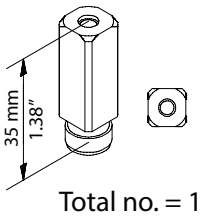
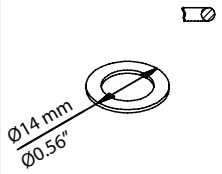
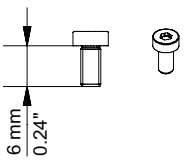
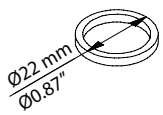
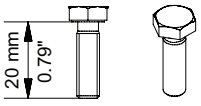
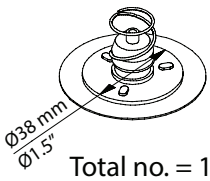
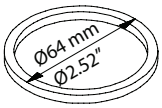
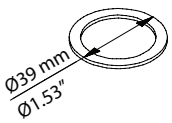
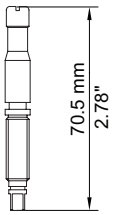
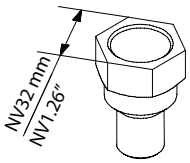
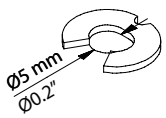
Overhaul kit | Code number 032F2322
Solenoide valve, type EVRAT, size 15 (previous design)



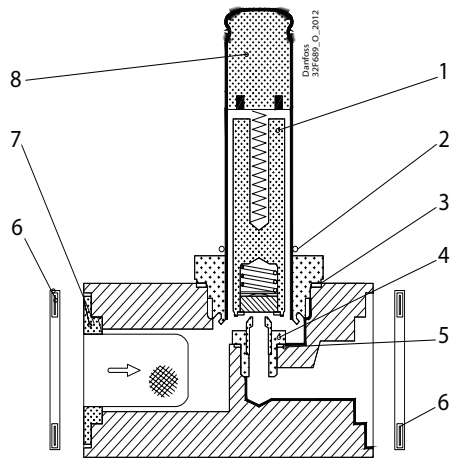
1  Total no. = 1	**2**  Total no. = 1	**3**  Total no. = 1	**4**  Total no. = 4	**5** = Rubber  Total no. = 1	**6**  Total no. = 4
7  Total no. = 1	**8** = Rubber  Total no. = 1	**9** = Fibre  Total no. = 2	**10**  Total no. = 1	**11**  Total no. = 1	**12**  Total no. = 1

Overhaul kit | Code number 032F2323
Solenoide valve, type EVRAT, size 20 (previous design)

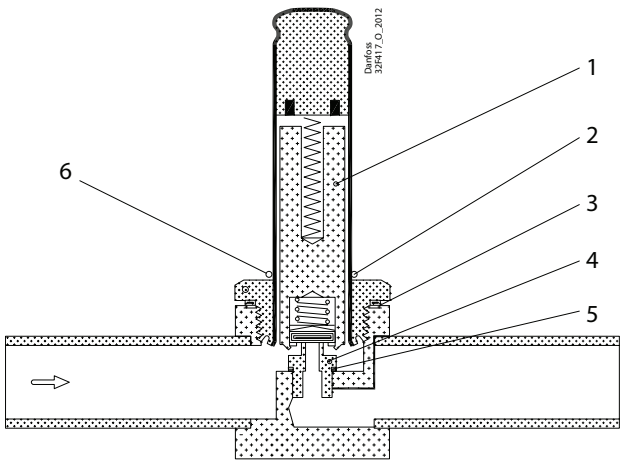


1  Total no. = 1	**2**  Total no. = 1	**3**  Total no. = 1	**4**  Total no. = 4	**5** = Rubber  Total no. = 1	**6**  Total no. = 4
7  Total no. = 1	**8** = Rubber  Total no. = 1	**9** = Fibre  Total no. = 2	**10**  Total no. = 1	**11**  Total no. = 1	**12**  Total no. = 1

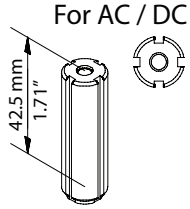
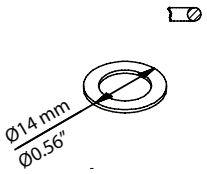
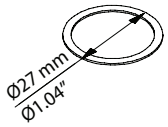
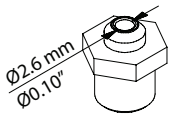
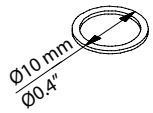
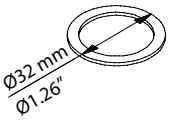
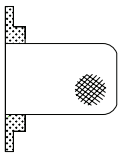
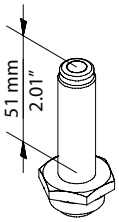
Overhaul kit | Code number 032F2336
Solenoide valves, types EVRA and EVRS, size 3



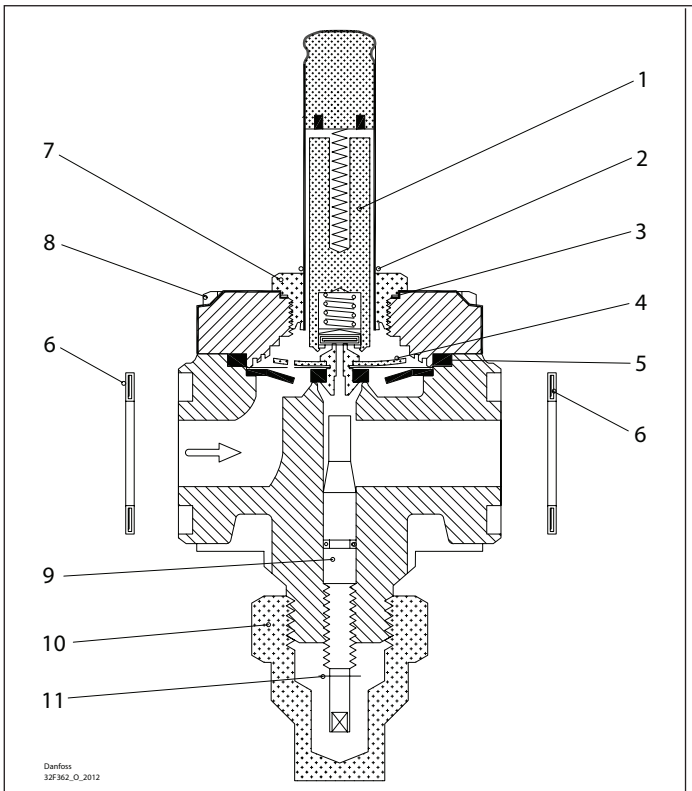
EVRA



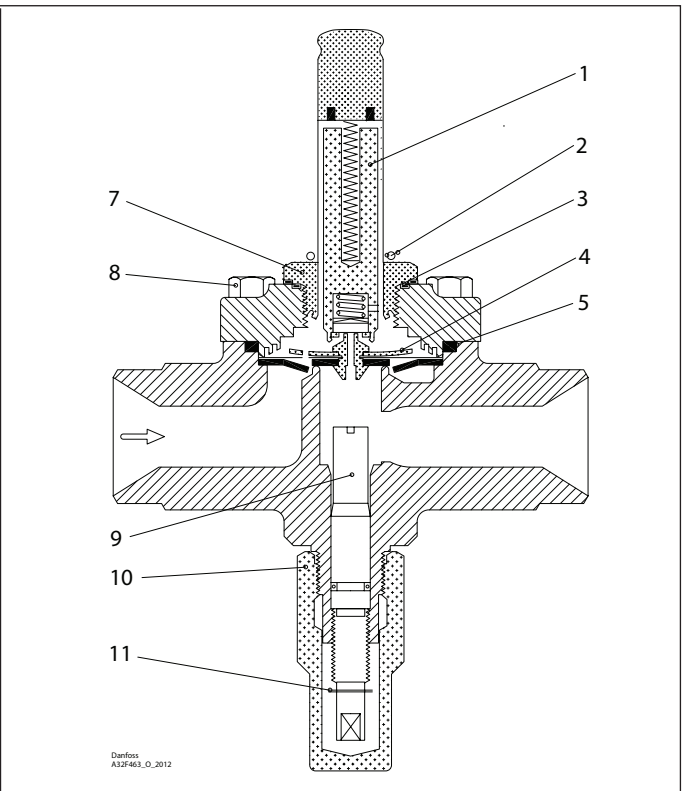
EVRS

1 For AC / DC  Total no. = 1	**2**  Total no. = 1	**3** = Alu.  Total no. = 1	**4**  Total no. = 1	**5** = Alu.  Total no. = 1	**6** = Fibre  Total no. = 2
7  Total no. = 1	**8**  Total no. = 1				

Overhaul kit | Code number 032F2337
Solenoide valves, types EVRA and EVRS, size 10

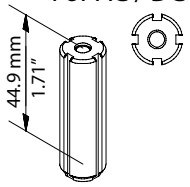


EVRA



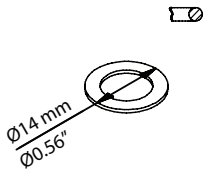
EVRS

1 For AC / DC



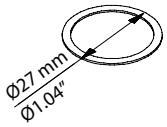
Total no. = 1

2



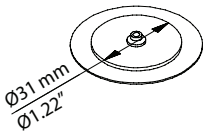
Total no. = 1

3 = Alu.



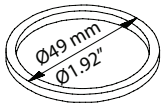
Total no. = 1

4



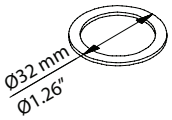
Total no. = 1

5 = Rubber



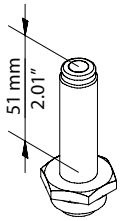
Total no. = 1

6 = Fibre



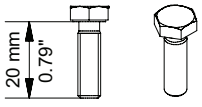
Total no. = 2

7



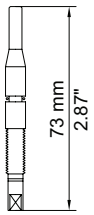
Total no. = 1

8



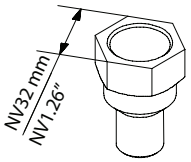
Total no. = 4

9



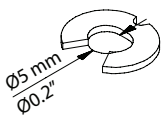
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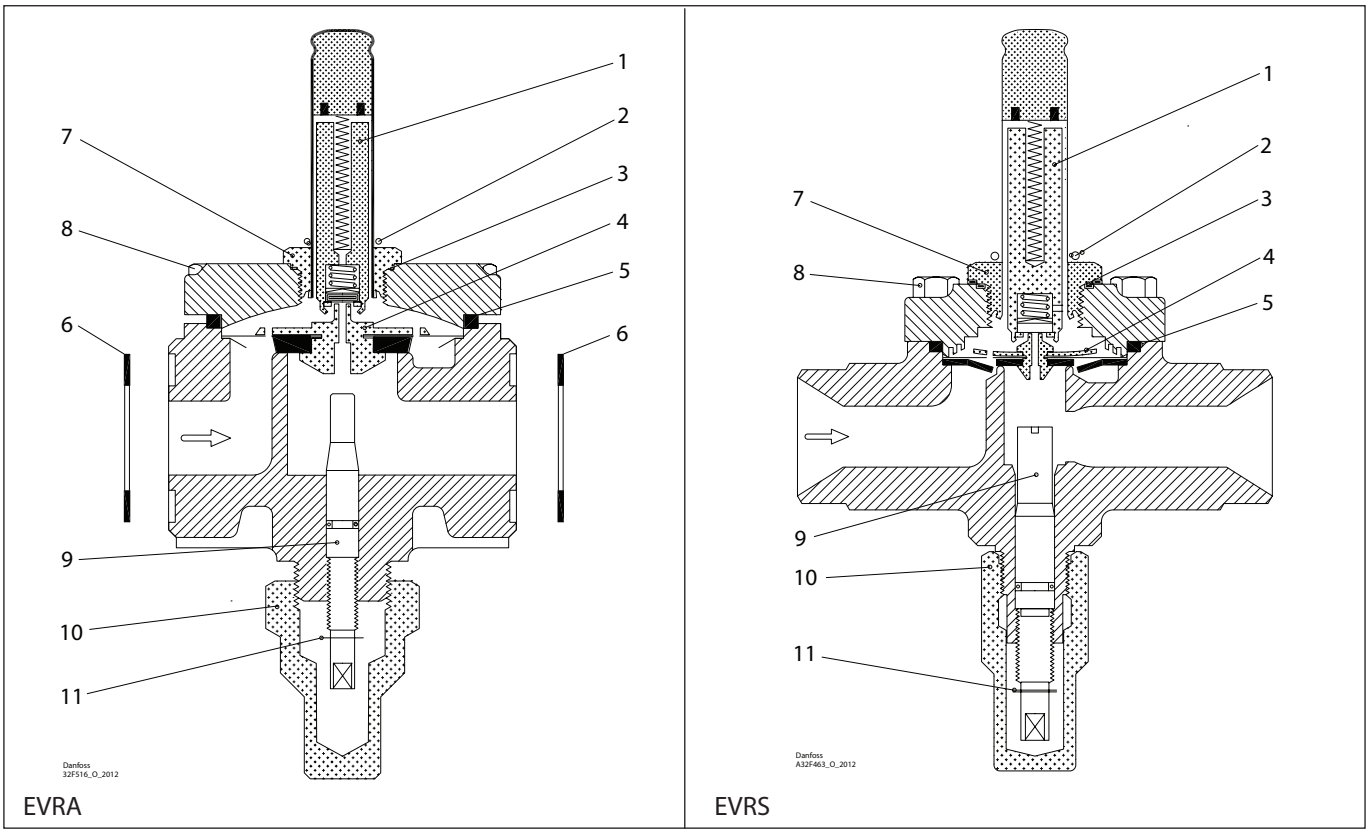
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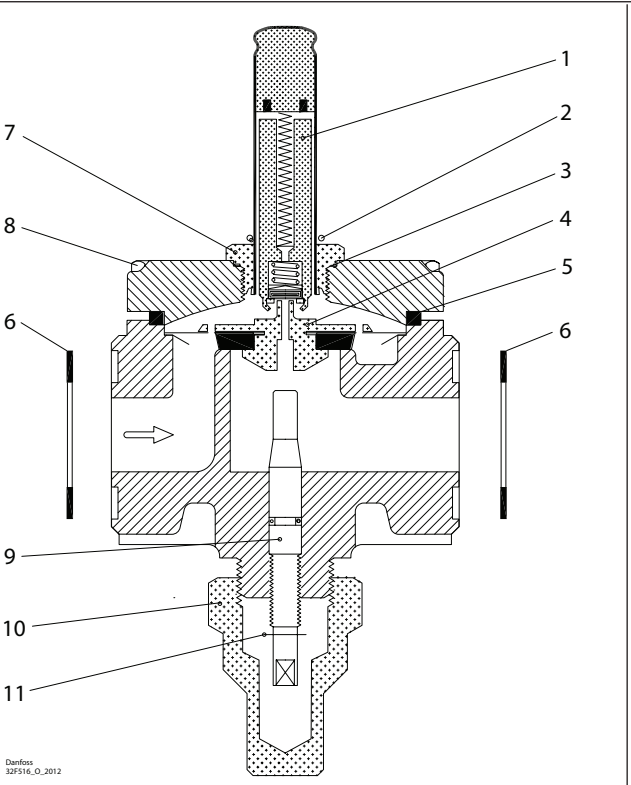
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Overhaul kit | Code number 032F2338
Solenoide valves, types EVRA and EVRS, size 15

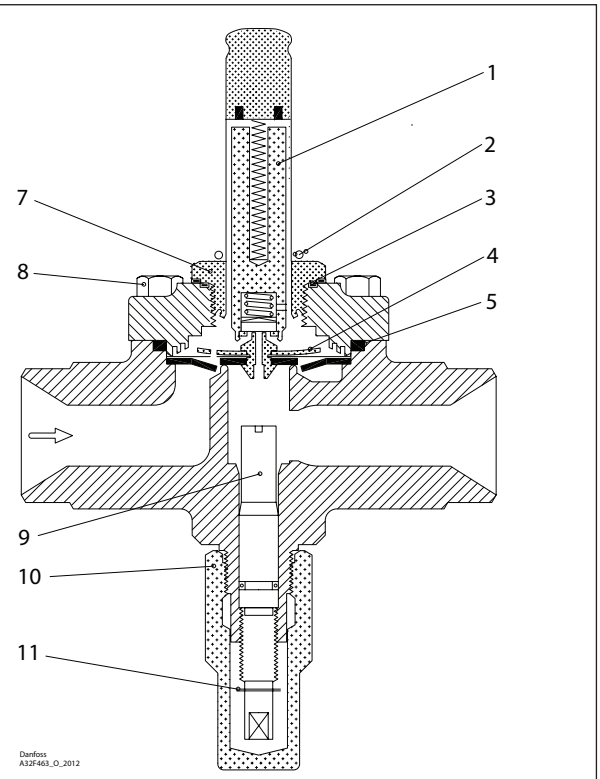


1 For AC / DC 44.9 mm 1.71" Total no. = 1	**2** Ø14 mm Ø0.56" Total no. = 1	**3** = Alu. Ø27 mm Ø1.04" Total no. = 1	**4** Ø31 mm Ø1.22" Total no. = 1	**5** = Rubber Ø49 mm Ø1.92" Total no. = 1	**6** = Fibre Ø32 mm Ø1.26" Total no. = 2
7 51 mm 2.01" Total no. = 1	**8** 20 mm 0.79" Total no. = 4	**9** 73 mm 2.87" Total no. = 1	**10** NV32 mm NV1.26" Total no. = 1	**11** Ø5 mm Ø0.2" Total no. = 1	

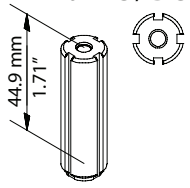
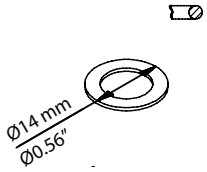
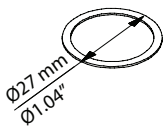
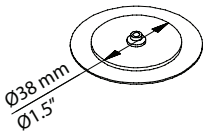
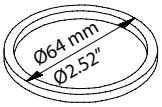
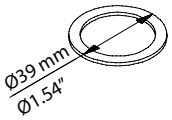
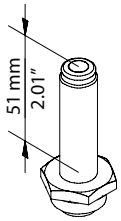
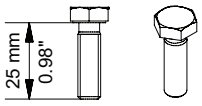
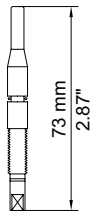
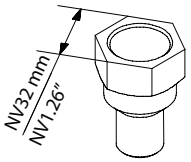
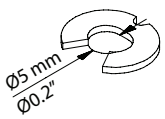
Overhaul kit | Code number 032F2339
Solenoide valves, types EVRA and EVRS, size 20



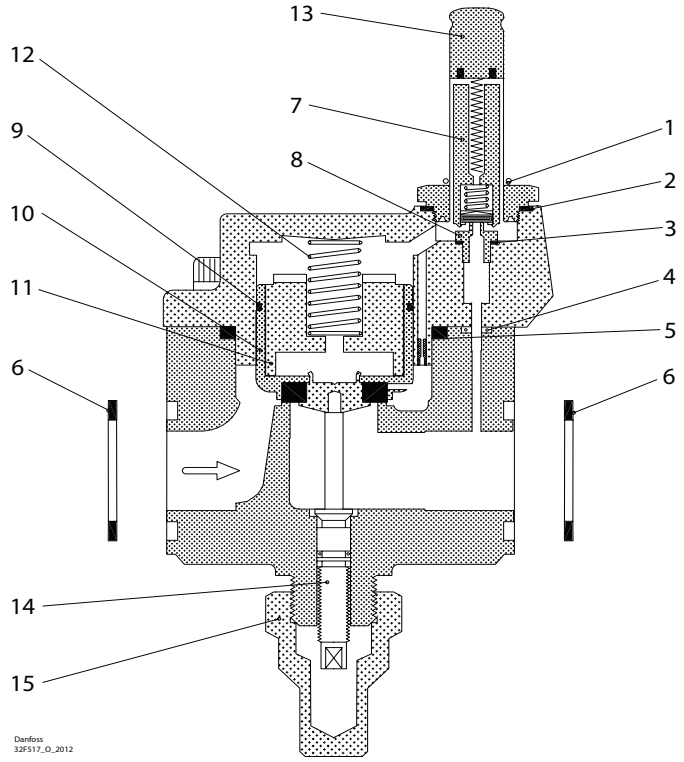
EVRA



EVRS

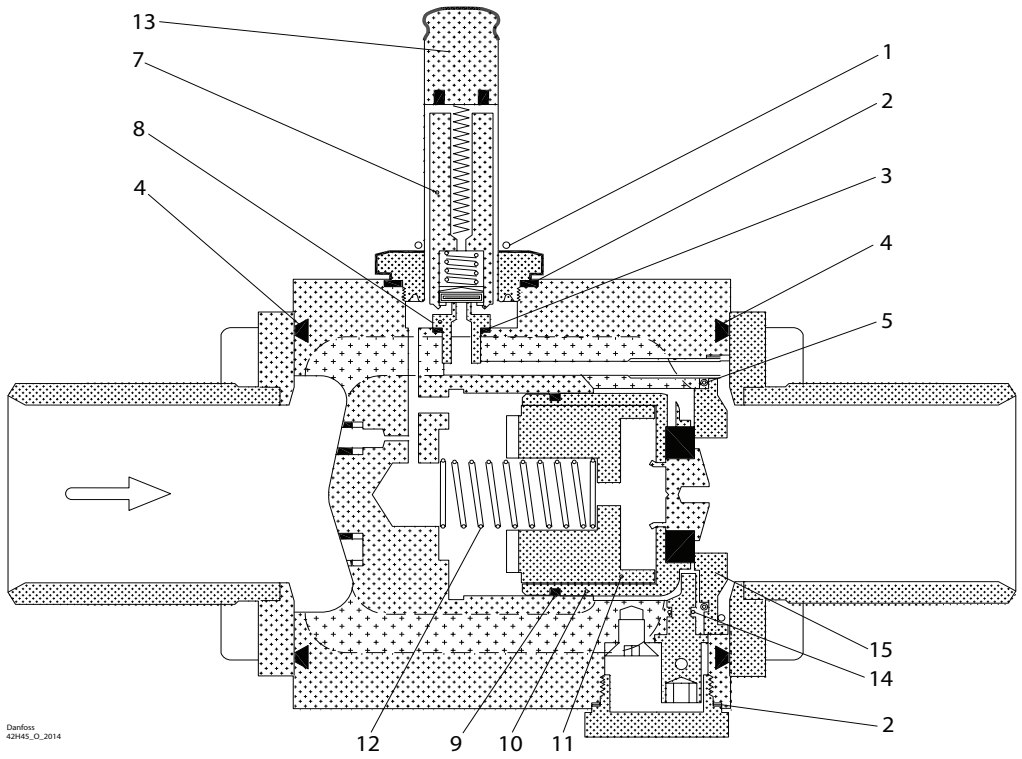
1 For AC / DC  Total no. = 1	**2**  Total no. = 1	**3** = Alu.  Total no. = 1	**4**  Total no. = 1	**5** = Rubber  Total no. = 1	**6** = Fibre  Total no. = 2
7  Total no. = 1	**8**  Total no. = 4	**9**  Total no. = 1	**10**  Total no. = 1	**11**  Total no. = 1	

Overhaul kit | Code number 032F2340
Solenoide valve, type EVRA, size 25



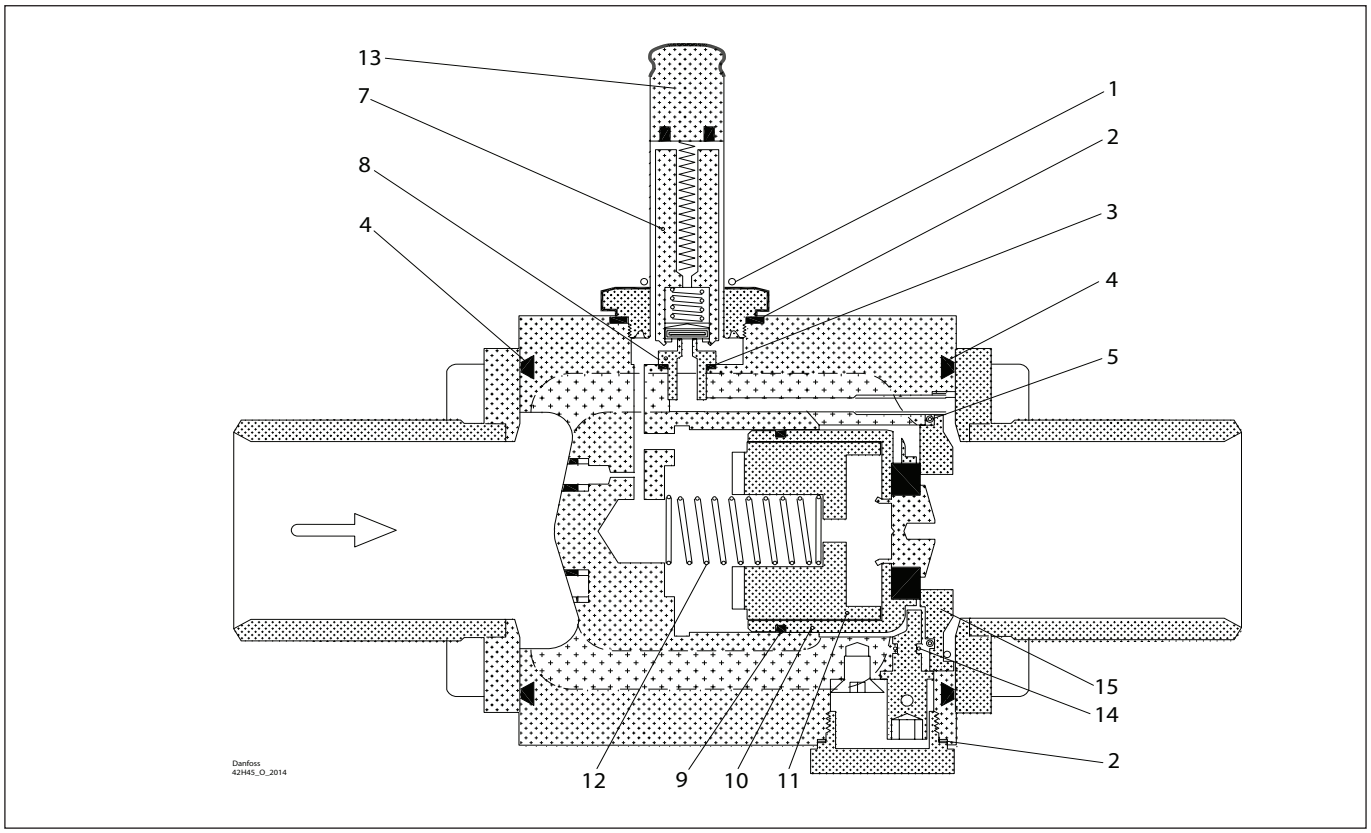
1 Ø14 mm Ø0.56" Total no. = 1	**2** = Alu. Ø27 mm Ø1.04" Total no. = 1	**3** = Alu. Ø10 mm Ø0.40" Total no. = 1	**4** Ø5 mm Ø0.21" Total no. = 1	**5** = Rubber Ø66 mm Ø2.60" Total no. = 1
6 = Fibre Ø39 mm Ø1.53" Total no. = 2	**7** 42.5 mm 1.67" Total no. = 1	**8** Ø3.3 mm Ø0.13" Total no. = 1	**9** = Steel Ø44 mm Ø1.73" Total no. = 1	**10** Total no. = 1
11 Ø38 mm Ø1.48" Total no. = 1	**12** Ø17 mm Ø0.67 Total no. = 1	**13** 51 mm 2.01" Total no. = 1	**14** 70 mm 2.74" Total no. = 1	**15** NV 32 mm NV 1.26" Total no. = 1

Overhaul kit | Code number 032F2341
EVRA, size 32



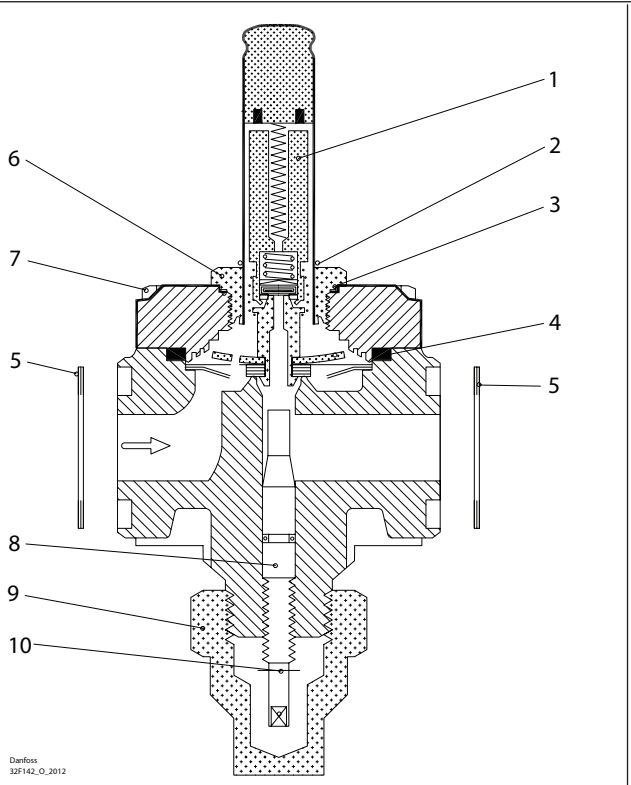
1 Ø14 mm Ø0.56" Total no. = 1	**2** = Alu. Ø27 mm Ø1.04" Total no. = 2	**3** = Alu. Ø10 mm Ø0.40" Total no. = 1	**4** Ø66 mm Ø2.61" Total no. = 2	**5** Ø42 mm Ø1.66" Total no. = 1
7 42.5 mm 1.67" Total no. = 1	**8** Ø3.3 mm Ø0.13" Total no. = 1	**9** = Steel Ø44 mm Ø1.73" Total no. = 1	**10** Total no. = 1	**11** Ø38 mm Ø1.48" Total no. = 1
12 Ø17 mm Ø0.67 Total no. = 1	**13** 51 mm 2.01" Total no. = 1	**14** Ø4 mm Ø0.2" Total no. = 1	**15** Total no. = 1	

Overhaul kit | Code number 032F2342
Solenoide valve, type EVRA, size 40

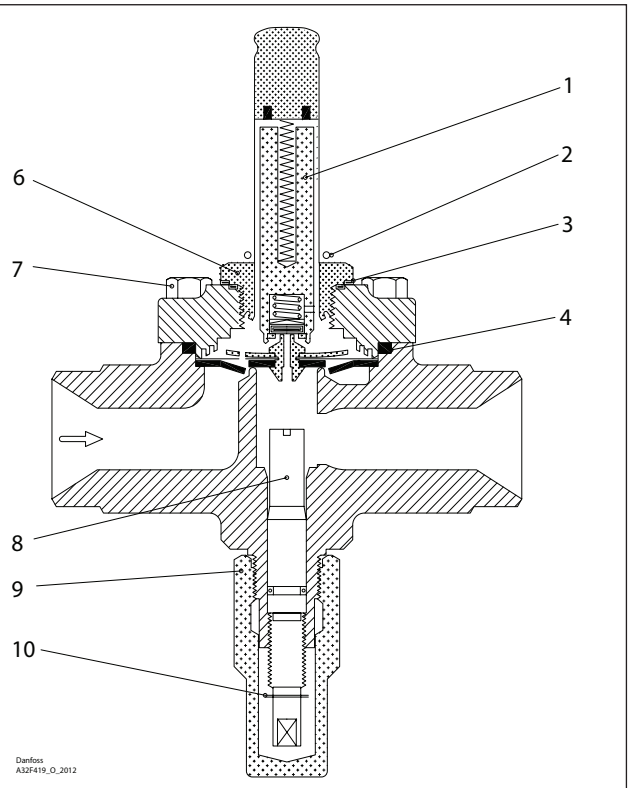


1 Ø14 mm Ø0.56" Total no. = 1	**2** = Alu. Ø27 mm Ø1.04" Total no. = 2	**3** = Alu. Ø10 mm Ø0.40" Total no. = 1	**4** Ø66 mm Ø2.61" Total no. = 2	**5** Ø42 mm Ø1.66" Total no. = 1
7 42.5 mm 1.67" Total no. = 1	**8** Ø3.3 mm Ø0.13" Total no. = 1	**9** = Steel Ø44 mm Ø1.73" Total no. = 1	**10** Total no. = 1	**11** Ø38 mm Ø1.48" Total no. = 1
12 Ø17 mm Ø0.67 Total no. = 1	**13** 51 mm 2.01" Total no. = 1	**14** Ø4 mm Ø0.2" Total no. = 1	**15** Total no. = 1	

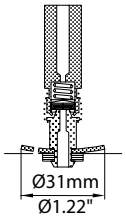
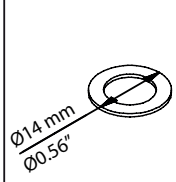
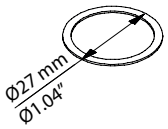
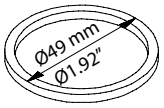
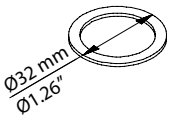
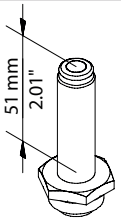
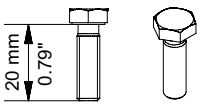
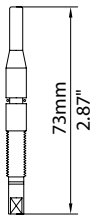
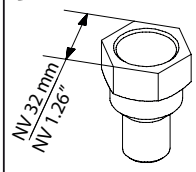
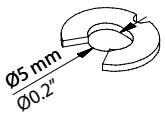
Overhaul kit | Code number 032F2346
Solenoide valves, types EVRAT and EVRST, size 10



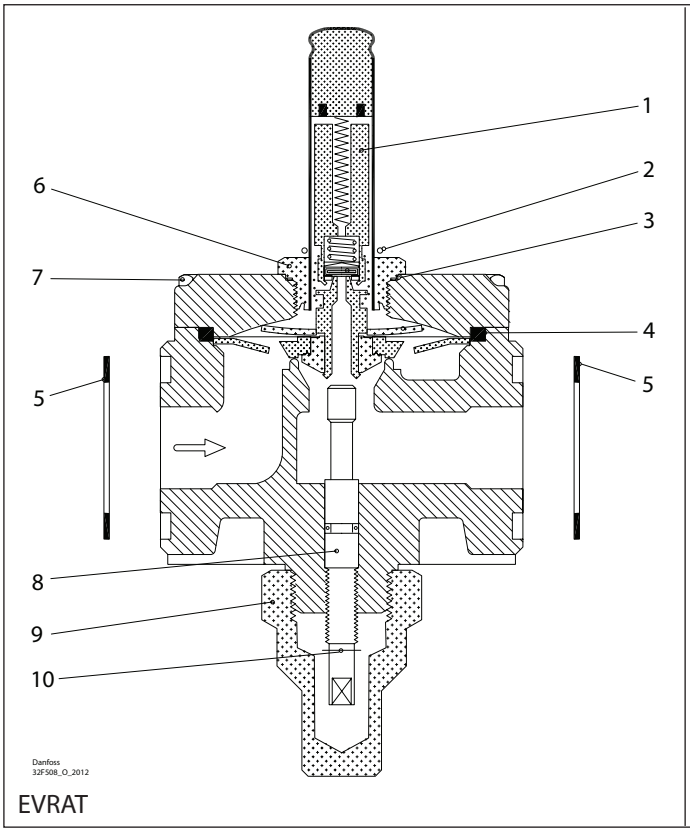
EVRAT



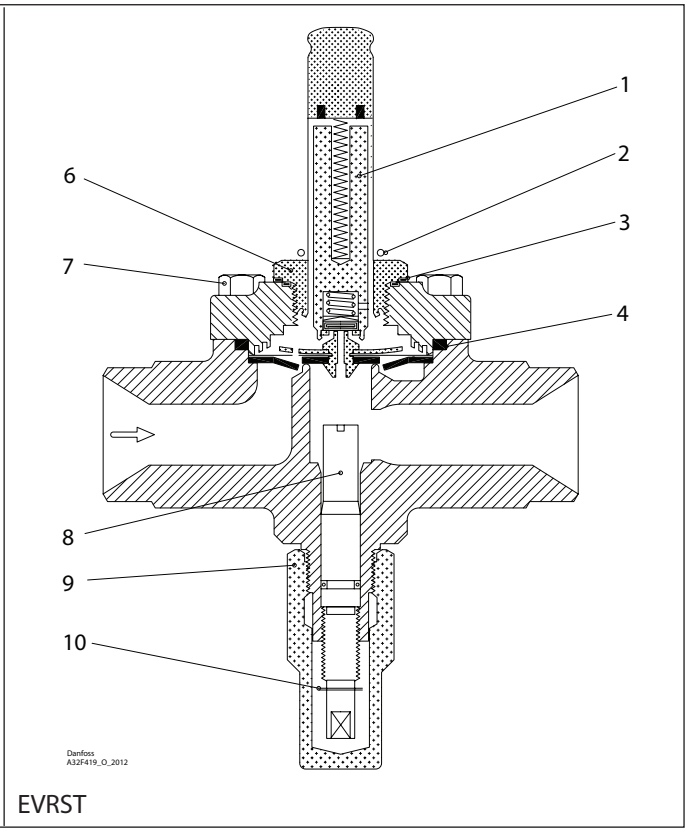
EVRST

1  Total no. = 1	**2**  Total no. = 1	**3** = Alu.  Total no. = 1	**4** = Rubber  Total no. = 1	**5** = Fibre  Total no. = 2	**6**  Total no. = 1
7  Total no. = 4	**8**  Total no. = 1	**9**  Total no. = 1	**10**  Total no. = 1		

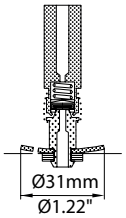
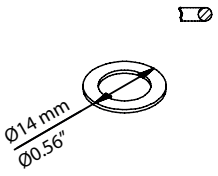
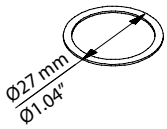
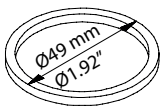
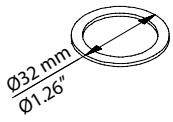
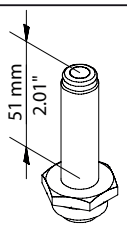
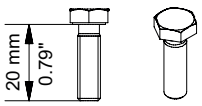
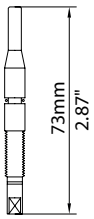
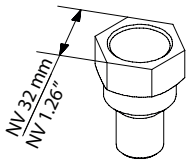
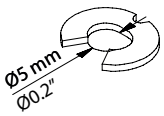
Overhaul kit | Code number 032F2347
Solenoide valves, types EVRAT and EVRST, size 15



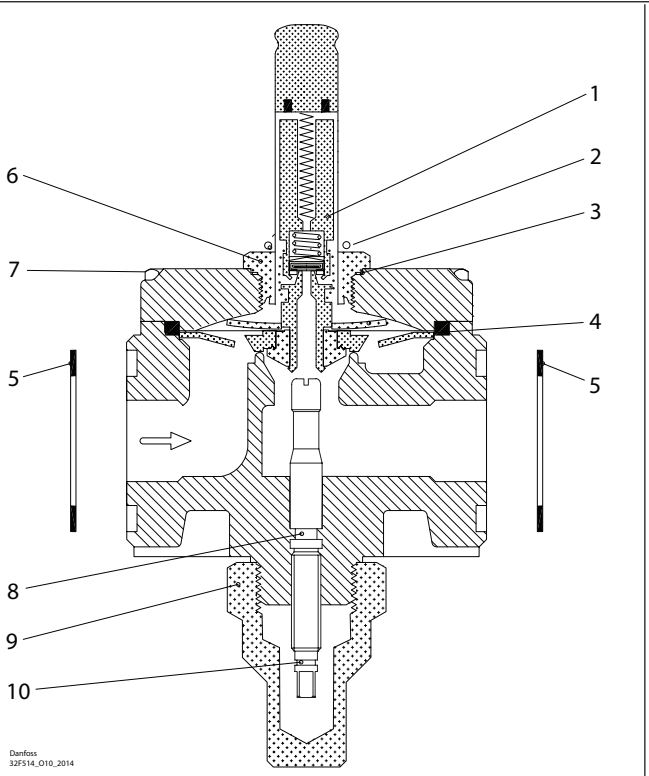
EVRAT



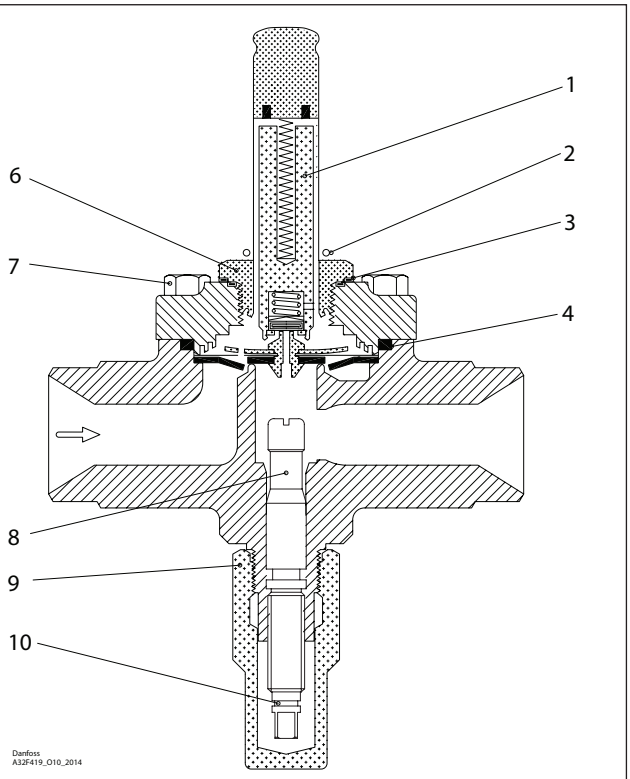
EVRST

1  Total no. = 1	**2**  Total no. = 1	**3** = Alu.  Total no. = 1	**4** = Rubber  Total no. = 1	**5** = Fibre  Total no. = 2	**6**  Total no. = 1
7  Total no. = 4	**8**  Total no. = 1	**9**  Total no. = 1	**10**  Total no. = 1		

Overhaul kit | Code number 032F2348
Solenoide valves, types EVRAT and EVRST, size 20

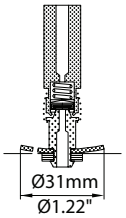


EVRAT



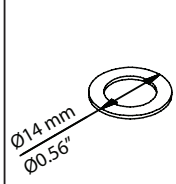
EVRST

1



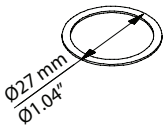
Total no. = 1

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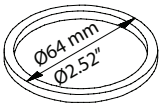
Total no. = 1

3 = Alu.



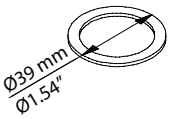
Total no. = 1

4 = Rubber



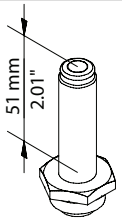
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5 = Fibre



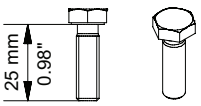
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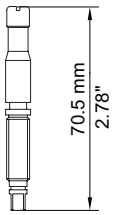
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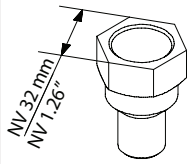
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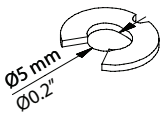
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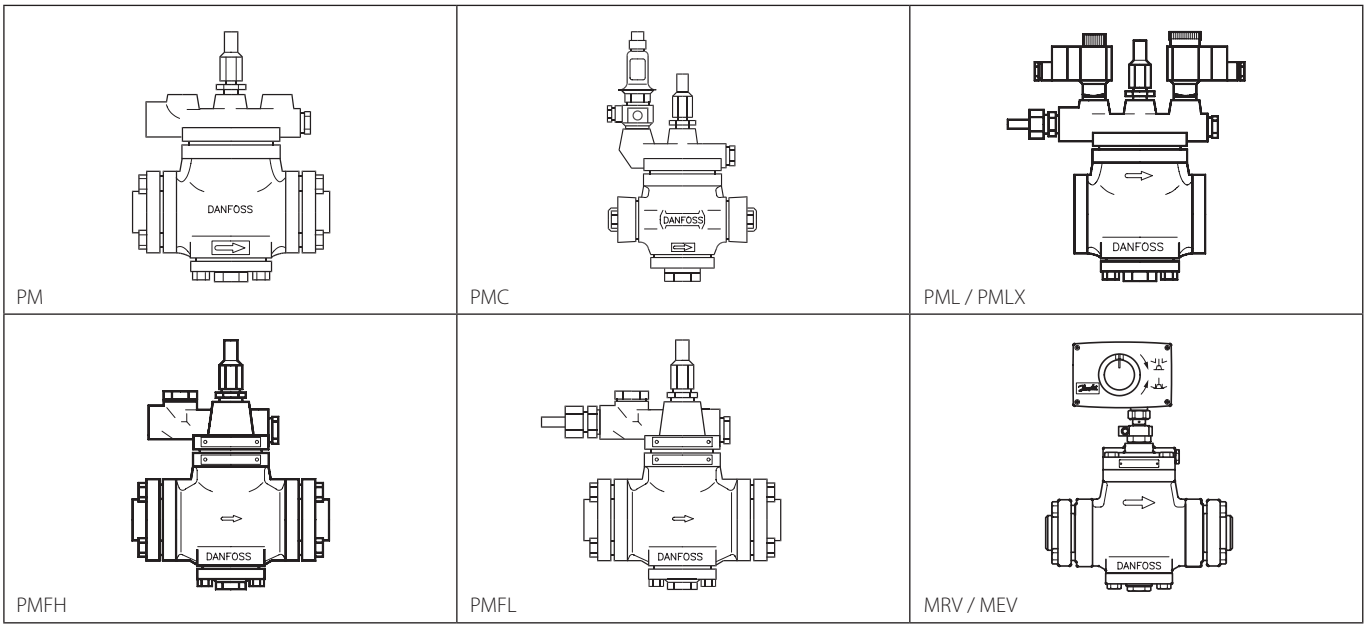
Total no. = 1

10



Total no. = 1

Pilot operated servo valves, types PM, PMC | Solenoid valves, types PML, PMLX
Liquid level regulating valves, types PMFH, PMFL | Motorised valves, types MRV, MEV



Valve type	Size	See details on page #	Code no.
Inspection kits			
PM1 PM3 PMC1 PMC3 PML PMLX MRV	5	165 + 166	**027F3075**
	10	165 + 166	**027F3075**
	15	165 + 166	**027F3075**
	20	165 + 166	**027F3075**
	25	165 + 166	**027F3075**
	32	167 + 168	**027F3076**
	40	169 + 170	**027F3077**
	50	171 + 172	**027F3078**
	65	173 + 174	**027F3079**
	80	175	**027F3091**
	100	176	**027F3092**
	125	177	**027F3093**
PMFL PMFH MEV	80-1	165 + 166	**027F3075**
	80-2	165 + 166	**027F3075**
	80-3	165 + 166	**027F3075**
	80-4	165 + 166	**027F3075**
	80-5	165 + 166	**027F3075**
	80-6	165 + 166	**027F3075**
	80-7	165 + 166	**027F3075**
	125	167 + 168	**027F3076**
	200	169 + 170	**027F3077**
	300	171 + 172	**027F3078**
	500	173 + 174	**027F3079**

Valve type	Size	See details on page #	Code no.
Repair kits			
PM1 PM3 PML PMLX MRV	5	178 + 179	**027F3150**
	10	178 + 179	**027F3150**
	15	178 + 179	**027F3150**
	20	178 + 179	**027F3150**
	25	178 + 179	**027F3150**
	32	180 + 181	**027F3152**
	40	182 + 183	**027F3153**
	50	184 + 185	**027F3154**
	65	186 + 187	**027F3155**
	80	188 + 189	**027F3156**
	100	190 + 191	**027F3157**
	125	192 + 193	**027F3158**
PMFL PMFH MEV	80-1	178 + 179	**027F3150**
	80-2	178 + 179	**027F3150**
	80-3	178 + 179	**027F3150**
	80-4	178 + 179	**027F3150**
	80-5	178 + 179	**027F3150**
	80-6	178 + 179	**027F3150**
	80-7	178 + 179	**027F3150**
	125	180 + 181	**027F3152**
	200	182 + 183	**027F3153**
	300	184 + 185	**027F3154**
	500	186 + 187	**027F3155**
PMC	20-5	194	**027F0555**
	20-8	194	**027F0555**
	20-12	194	**027F0555**
	20-20	194	**027F0555**

Inspection kits:
Contains all gaskets, O-rings and aluminium rings belonging to 1 valve size.
For detailed content, see specific pages mentioned above.

Repair kits:
Contains all gaskets, O-rings and aluminium rings belonging to 1 valve size - also including valve seat and piston ring.
For detailed content, see specific pages mentioned above.

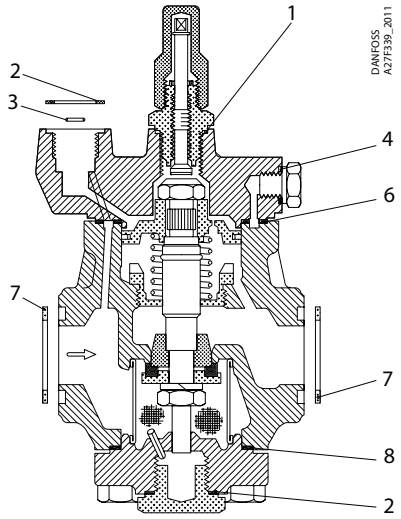
Overhaul kits:
Contains all gaskets, O-rings and aluminium rings belonging to 1 valve size and parts what could be damaged or worn out.
For detailed content, see specific pages mentioned above.

Pilot operated servo valves, types PM, PMC | Solenoid valves, types PML, PMLX Liquid level regulating valves, types PMFH, PMFL | Motorised valves, types MRV, MEV

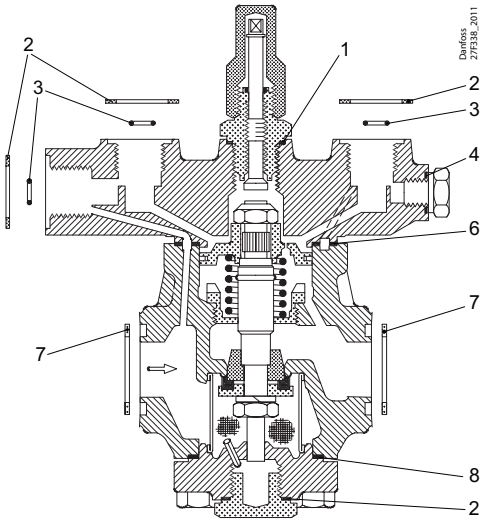
Valve type	Size	See details on page #	Code no.
Overhaul kits			
PM 1-3 Standard	20	195	**027F3370**
	25	196	**027F3371**
	32	197	**027F3373**
	40	198	**027F3374**
	50	199	**027F3375**
	65	200	**027F3376**
	80	201	**027F3377**
	100	202	**027F3378**
	125	203	**027F3379**
PM 1-3 V-cone	5	204	**027F3380**
	10	205	**027F3381**
	15	206	**027F3382**
	32	207	**027F3383**
	40	208	**027F3384**
	50	209	**027F3385**
	65	210	**027F3386**
	80	211	**027F3387**
	100	212	**027F3388**
	125	213	**027F3389**
PML	32	214	**027F0556**
	40	215	**027F0557**
	50	216	**027F0558**
	65	217	**027F0559**
	80	218	**027F0560**
	100	219	**027F0561**
	125	220	**027F0562**
PMLX	32	221	**027F0563**
	40	222	**027F0568**
	50	223	**027F0569**
	65	224	**027F0570**
	80	225	**027F0571**
	100	226	**027F0572**
	125	227	**027F0573**
MRV	5	228	**027F0577**
	10	229	**027F0578**
	15	230	**027F0579**
	20	231	**027F0580**
	25	232	**027F0581**
	32	233	**027F0582**
	40	234	**027F0583**
	50	235	**027F0584**
	65	236	**027F0592**

Valve type	Size	See details on page #	Code no.
Overhaul kits			
PMFL	80-1	237	**027F0611**
	80-2	238	**027F0631**
	80-3	239	**027F0632**
	80-4	240	**027F0633**
	80-5	241	**027F0634**
	80-6	242	**027F0635**
	80-7	243	**027F0636**
	125	244	**027F0637**
	200	245	**027F0638**
	300	246	**027F0639**
PMFH	80-2	247	**027F0663**
	80-3	248	**027F0669**
	80-4	249	**027F0676**
	80-5	250	**027F0677**
	80-6	251	**027F0678**
	80-7	252	**027F0700**
	125	253	**027F0704**
	200	254	**027F0705**
	300	255	**027F0709**
	500	256	**027F0710**
MEV	80-2	257	**027F0760**
	80-4	258	**027F0762**
	80-5	259	**027F0763**
	80-6	260	**027F0764**
	80-7	261	**027F0765**
	125	262	**027F0766**
	200	263	**027F0767**
	300	264	**027F0768**
	500	265	**027F0769**
PMC	20-5	266	**027F0770**
	20-8	267	**027F0754**
	20-12	268	**027F0755**
	20-20	269	**027F0756**
Accessories - ICV PM flanged valve housings			
ICV PM	25	270	**027H2119**
	32	270	**027H3129**
	40	270	**027H4128**
	50	270	**027H5127**
	65	270	**027H6128**

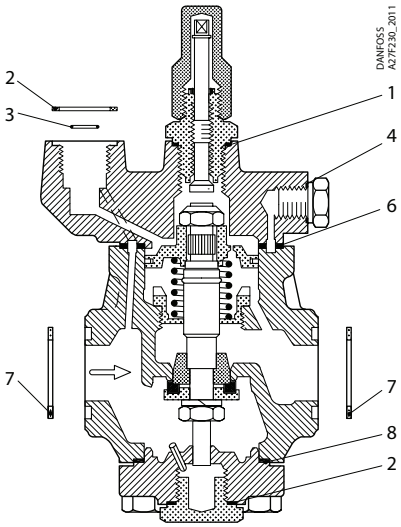
Inspection kit | Code number 027F3075
PM, PMC, MRV, sizes 5 to 25 | MEV, PMFH, PMFL, sizes 80-1 to 80-7



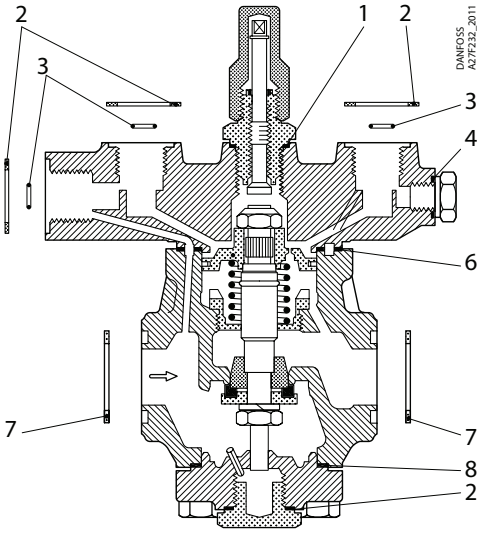
PM1



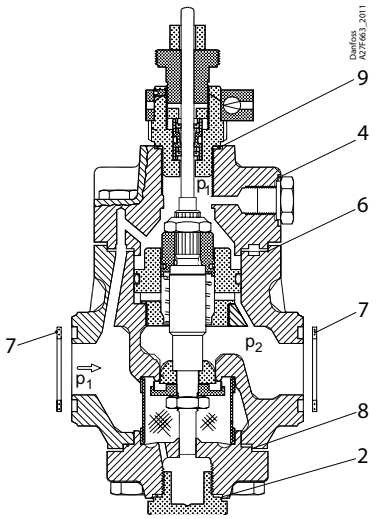
PM3



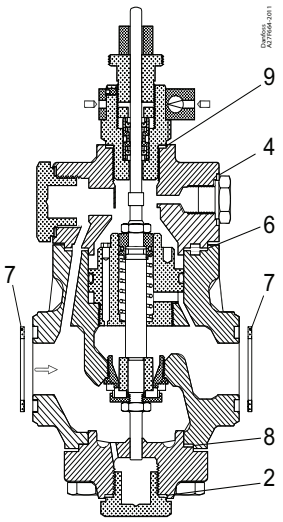
PMC1



PMC3

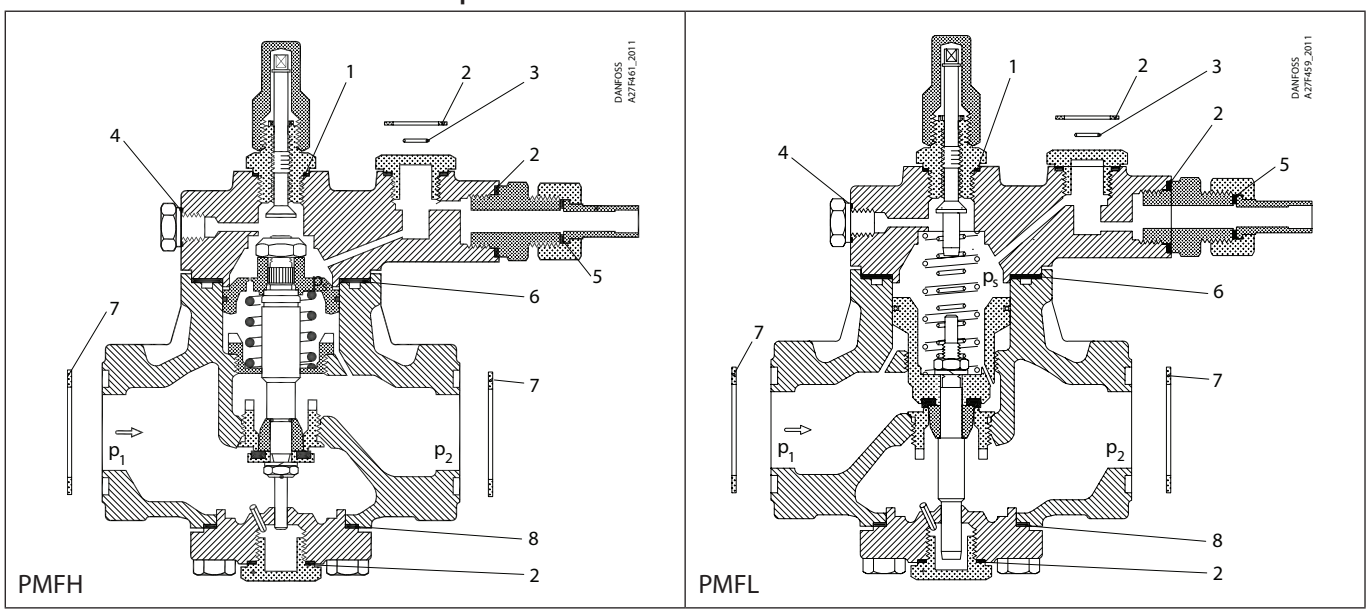


MRV



MEV

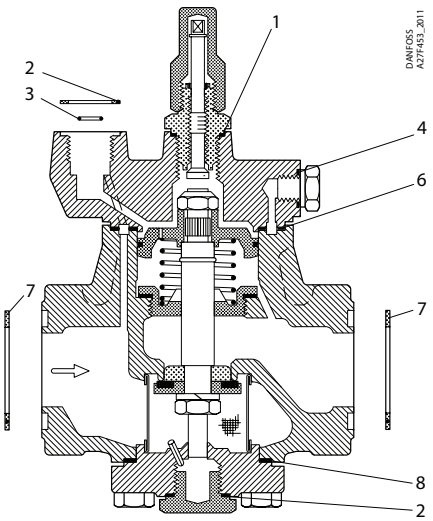
Inspection kit | Code number 027F3075
PM, PMC, MRV, sizes 5 to 25 | MEV, PMFH, PMFL, sizes 80-1 to 80-7



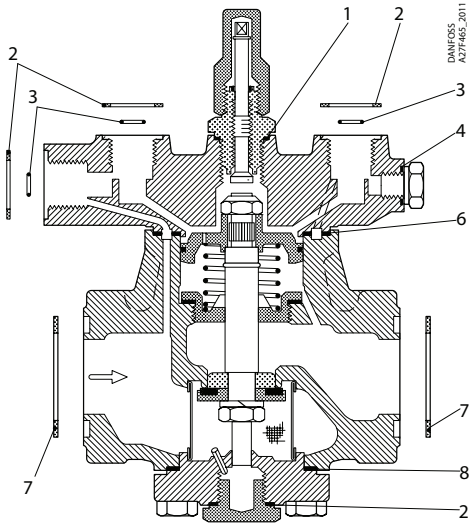
1 = Alu. Ø26 mm / Ø1.02" Total no. = 1	**2** = Fibre Ø33 mm / Ø1.28" Total no. = 4	**3** Ø9 mm / Ø0.36" Total no. = 3	**4** = Alu. Ø18 mm / Ø0.70" Total no. = 1
5 = Alu. Ø14 mm / Ø0.55" Total no. = 1	**6** = Fibre Ø75 mm / Ø2.95" Total no. = 1	**7** = Fibre Ø39 mm / Ø1.54" Total no. = 2	**8** = Fibre Ø60 mm / Ø2.36" Total no. = 1
9 = Alu. Ø32 mm / Ø1.26" Total no. = 1	**10** * = Alu. Ø22 mm / Ø0.87" Total no. = 1		

* The spare part is included in the package but is not used for PM, PMC, MRV, sizes 5 to 25 or MEV, PMFH, PMFL, sizes 80-1 to 80-7

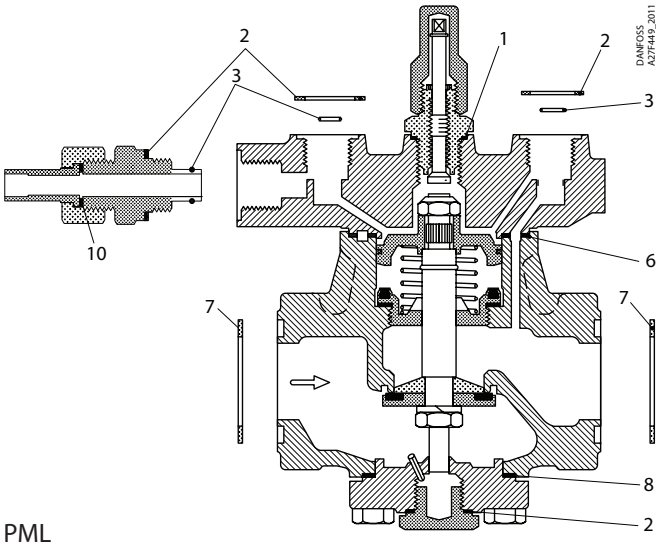
Inspection kit | Code number 027F3076
PM, PML, PMLX, MRV, size 32 | MEV, PMFH, PMFL, size 125



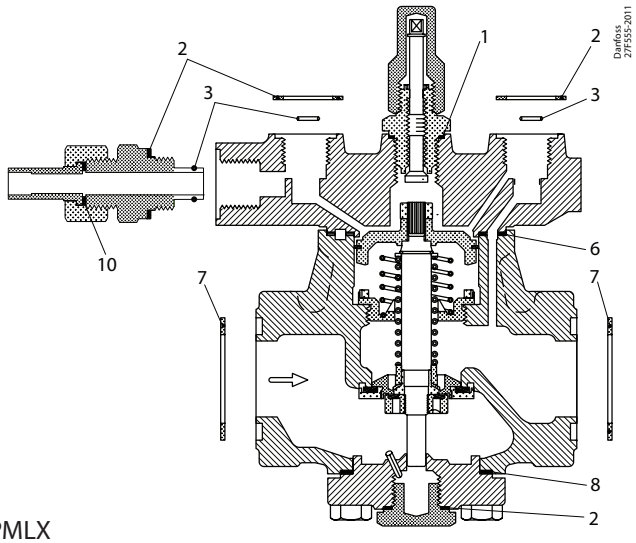
PM1



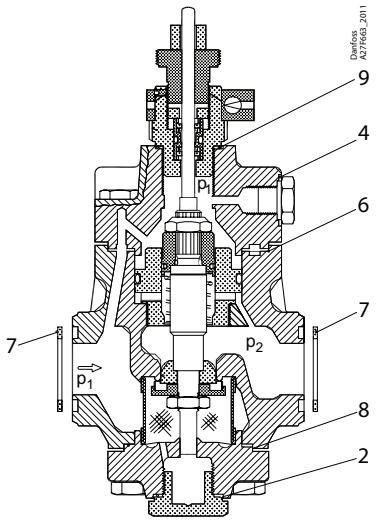
PM3



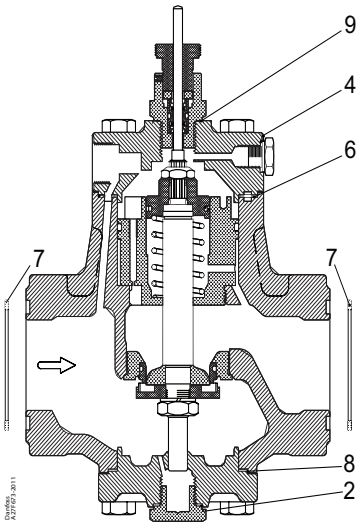
PML



PMLX

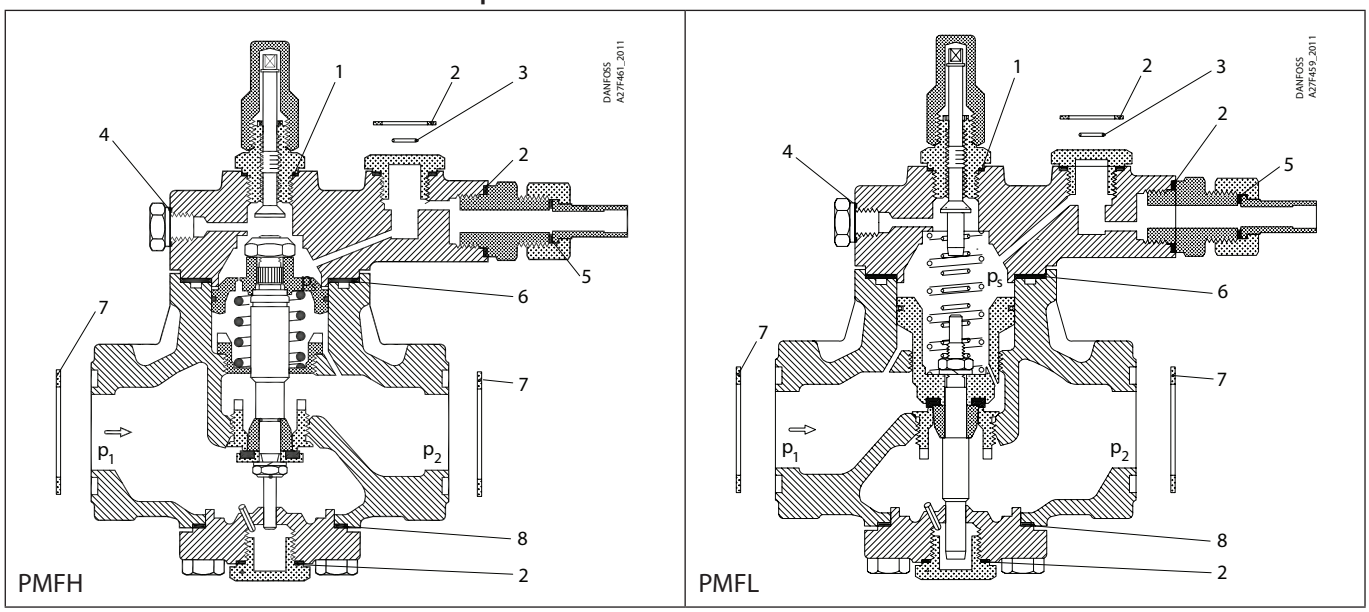


MRV



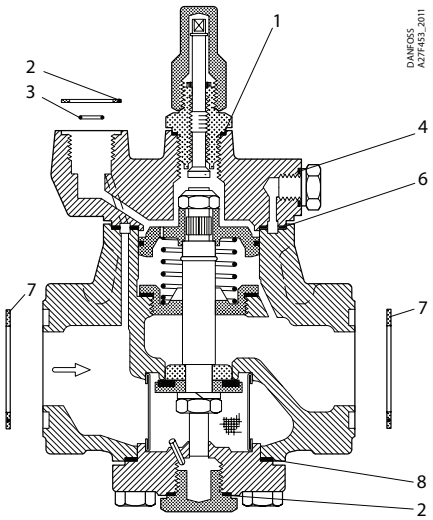
MEV

Inspection kit | Code number 027F3076
PM, PML, PMLX, MRV, size 32 | MEV, PMFH, PMFL, size 125

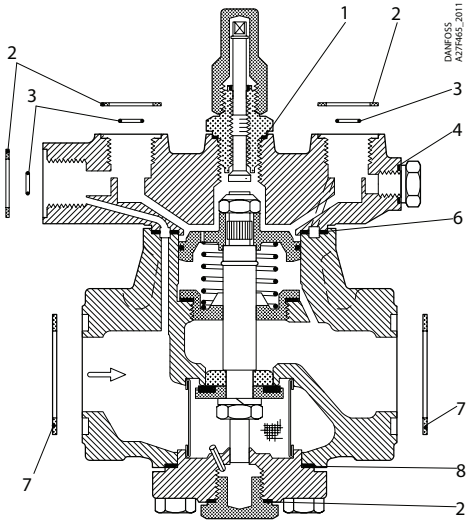


1 = Alu. Ø26 mm Ø1.02" Total no. = 1	**2** = Fibre Ø33 mm Ø1.28" Total no. = 4	**3** Ø9 mm Ø0.36" Total no. = 3	**4** = Alu. Ø18 mm Ø0.70" Total no. = 1
5 = Alu. Ø14 mm Ø0.55" Total no. = 1	**6** = Fibre Ø85 mm Ø3.35" Total no. = 1	**7** = Fibre Ø58 mm Ø2.28" Total no. = 2	**8** = Fibre Ø70 mm Ø2.76" Total no. = 1
9 = Alu. Ø32 mm Ø1.26" Total no. = 1	**10** = Alu. Ø22 mm Ø0.87" Total no. = 1		

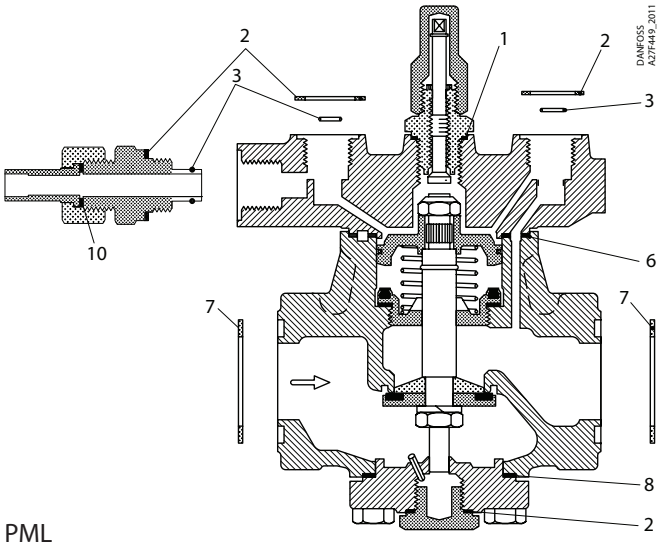
Inspection kit | Code number 027F3077
PM, PML, PMLX, MRV, size 40 | MEV, PMFH, PMFL, size 200



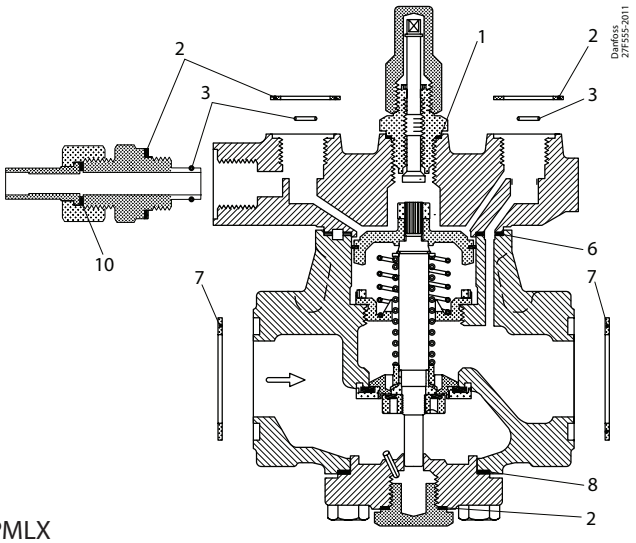
PM1



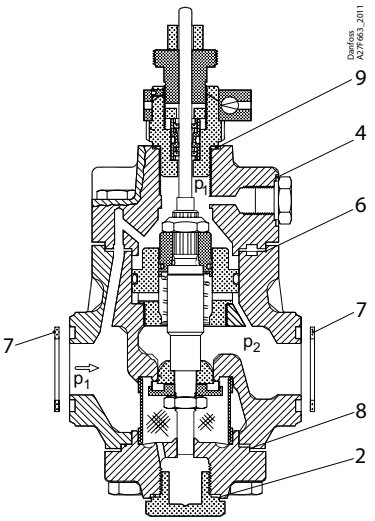
PM3



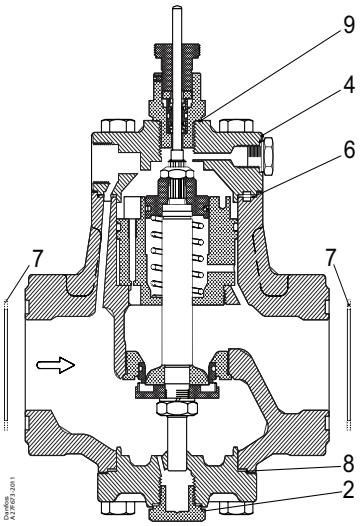
PML



PMLX

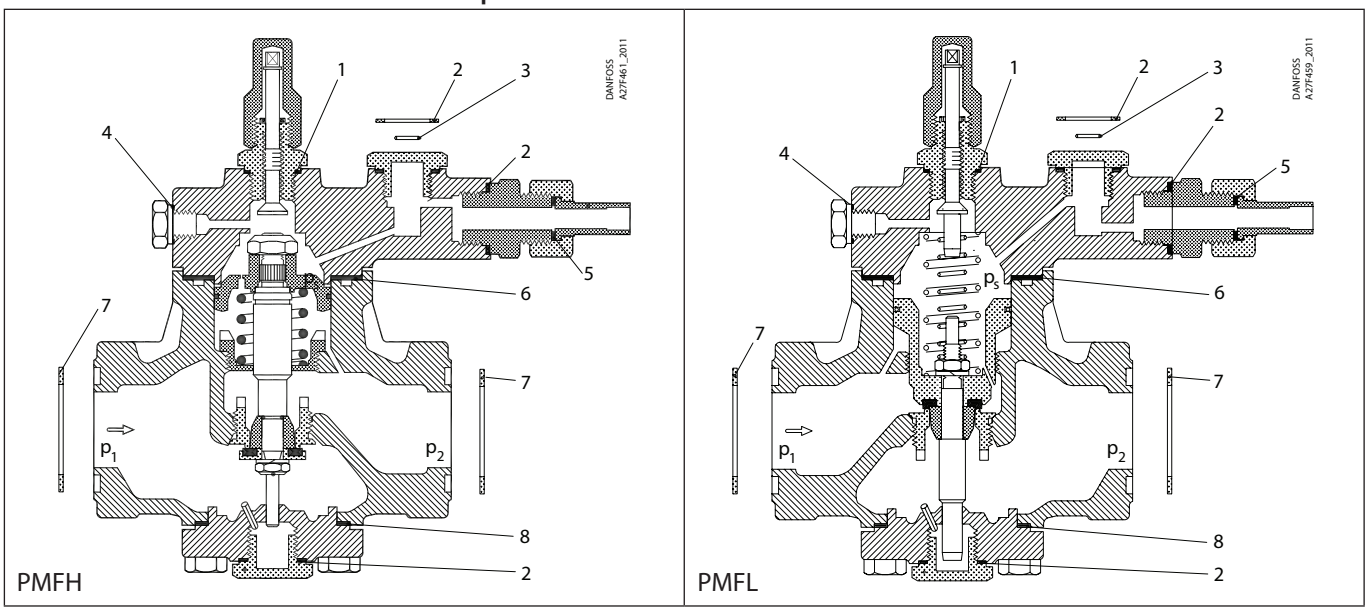


MRV



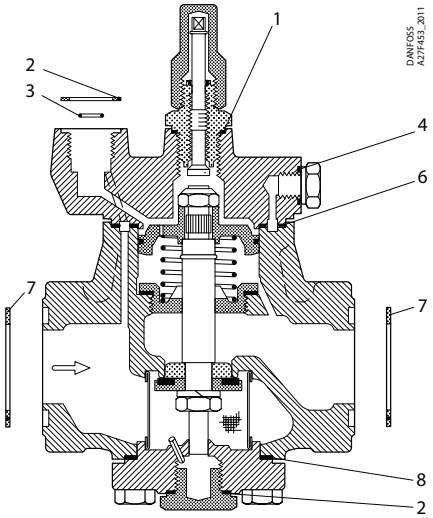
MEV

Inspection kit | Code number 027F3077
PM, PML, PMLX, MRV, size 40 | MEV, PMFH, PMFL, size 200

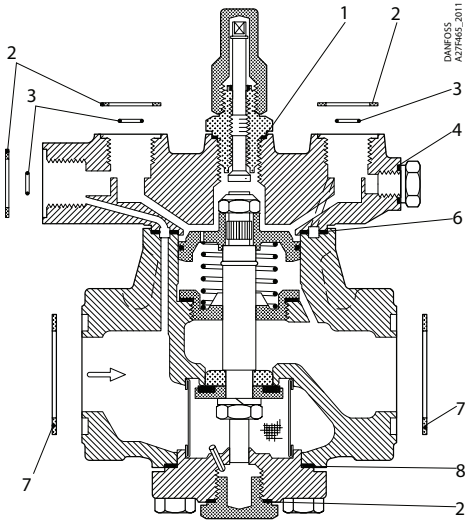


1 = Alu. Ø26 mm / Ø1.02" Total no. = 1	**2** = Fibre Ø33 mm / Ø1.28" Total no. = 4	**3** Ø9 mm / Ø0.36" Total no. = 3	**4** = Alu. Ø18 mm / Ø0.70" Total no. = 1
5 = Alu. Ø14 mm / Ø0.55" Total no. = 1	**6** = Fibre Ø93 mm / Ø3.66" Total no. = 1	**7** = Fibre Ø65 mm / Ø2.56" Total no. = 2	**8** = Fibre Ø78 mm / Ø3.07" Total no. = 1
9 = Alu. Ø32 mm / Ø1.26" Total no. = 1	**10** = Alu. Ø22 mm / Ø0.87" Total no. = 1		

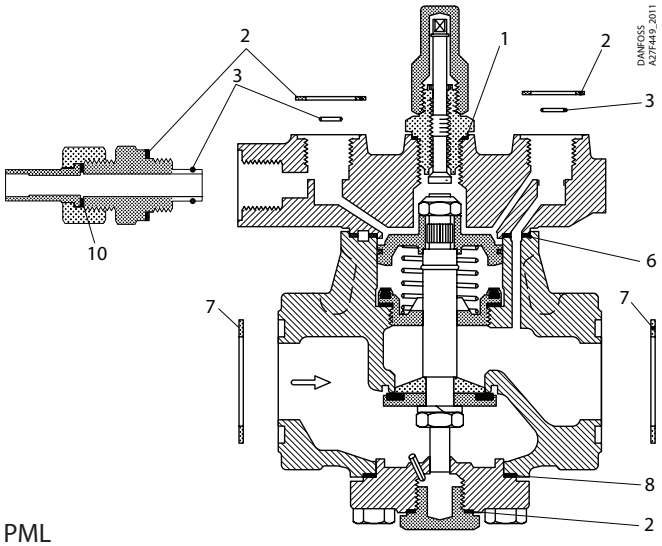
Inspection kit | Code number 027F3078
PM, PML, PMLX, MRV, size 50 | MEV, PMFH, PMFL, size 300



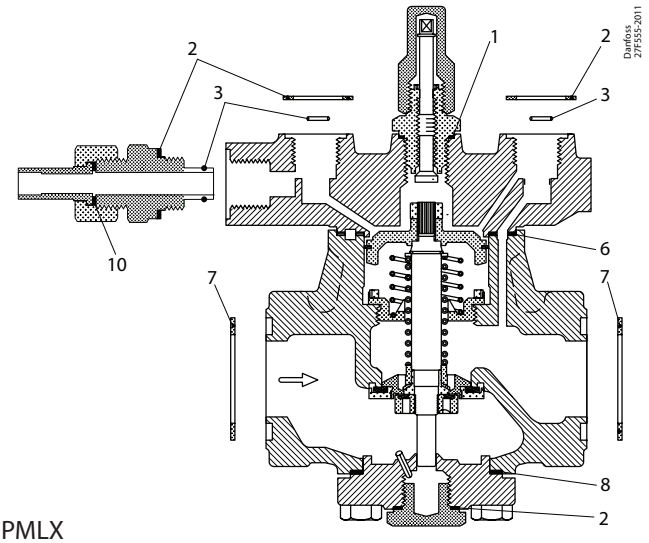
PM1



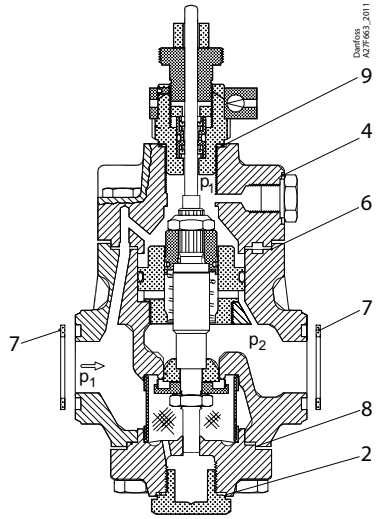
PM3



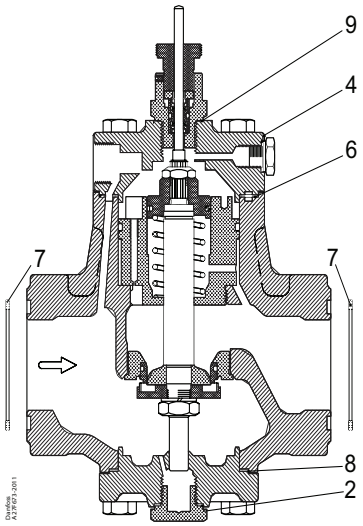
PML



PMLX

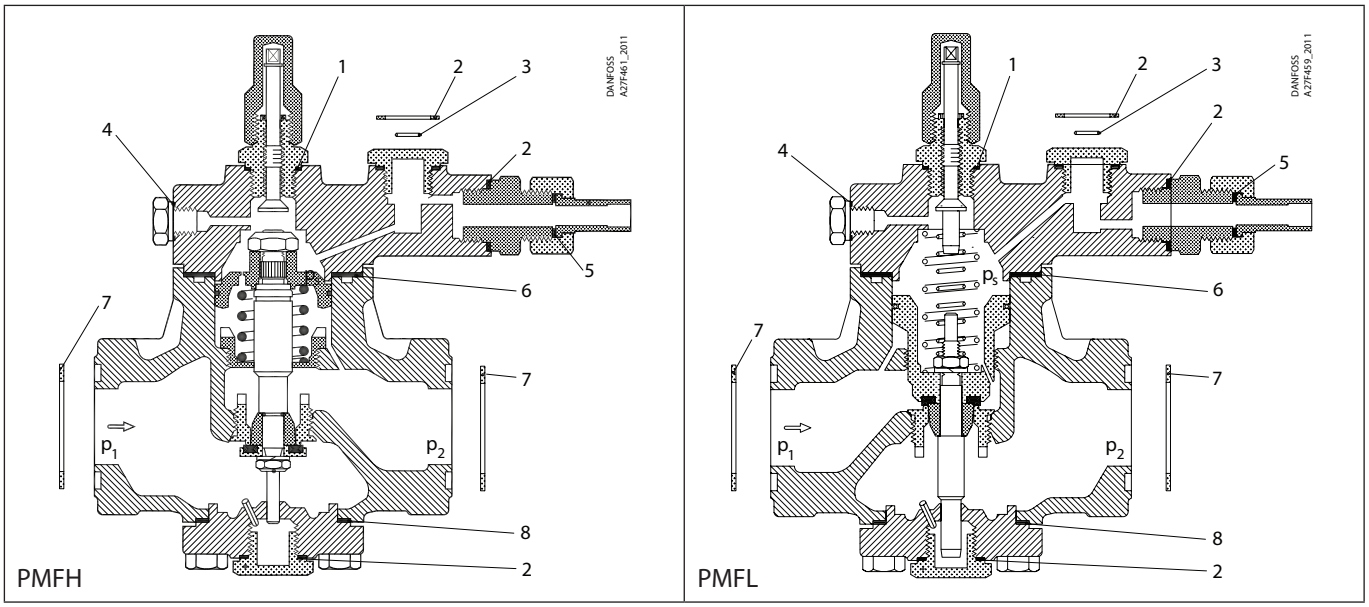


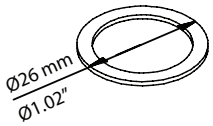
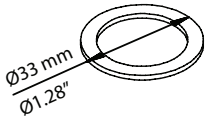
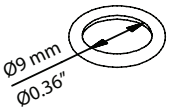
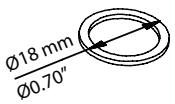
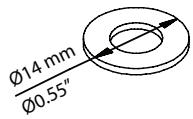
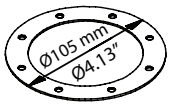
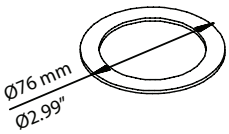
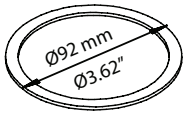
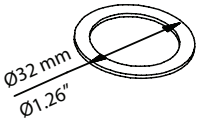
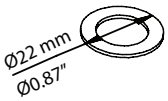
MRV



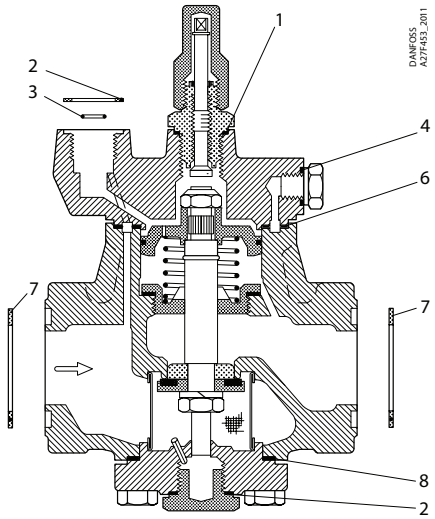
MEV

Inspection kit | Code number 027F3078
PM, PML, PMLX, MRV, size 50 | MEV, PMFH, PMFL, size 300

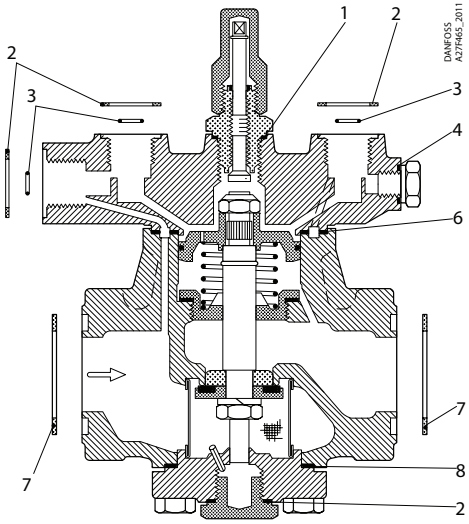


1 = Alu.  Total no. = 1	**2** = Fibre  Total no. = 4	**3**  Total no. = 3	**4** = Alu.  Total no. = 1
5 = Alu.  Total no. = 1	**6** = Fibre  Total no. = 1	**7** = Fibre  Total no. = 2	**8** = Fibre  Total no. = 1
9 = Alu.  Total no. = 1	**10** = Alu.  Total no. = 1		

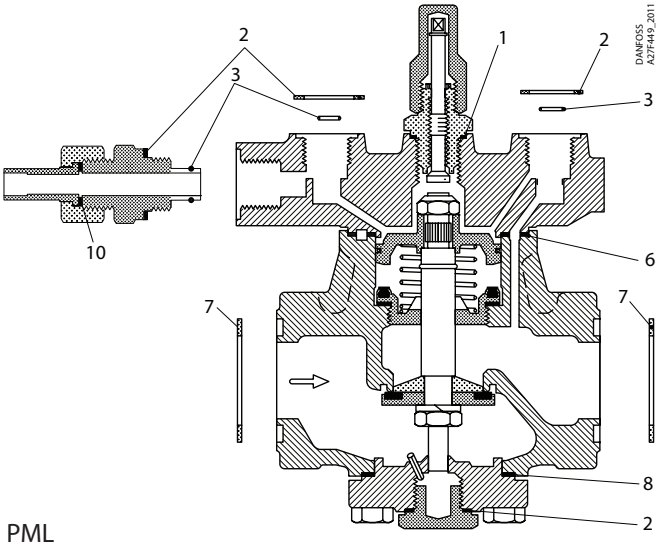
Inspection kit | Code number 027F3079
PM, PML, PMLX, MRV, size 65 | MEV, PMFH, size 500



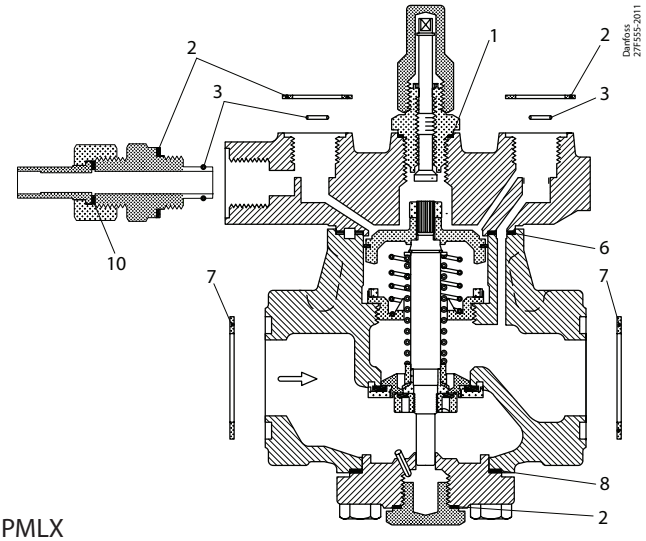
PM1



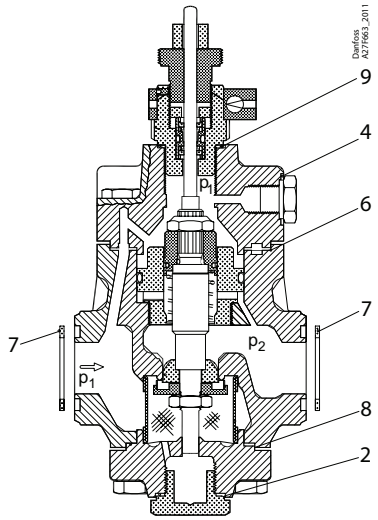
PM3



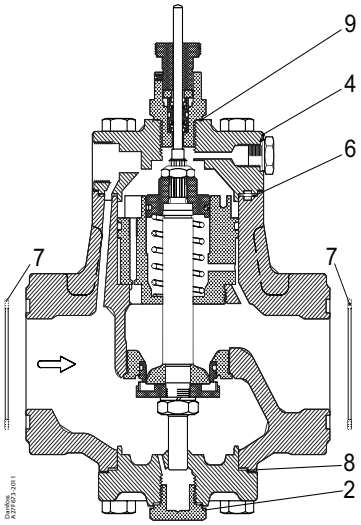
PML



PMLX

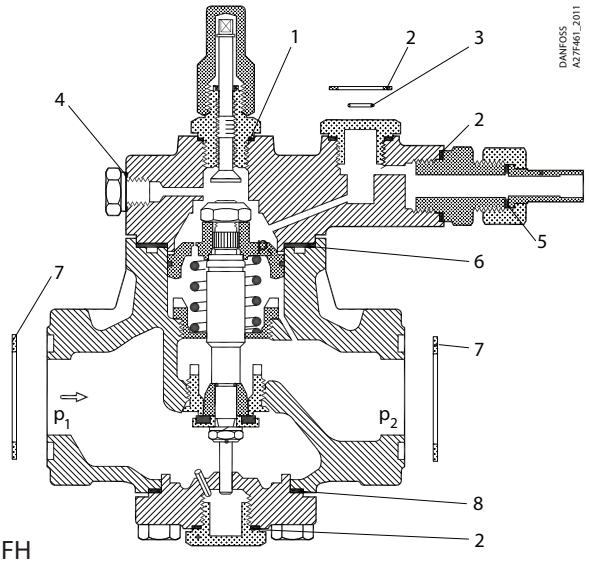


MRV

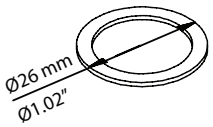
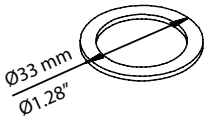
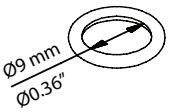
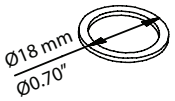
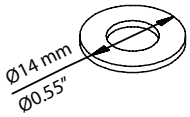
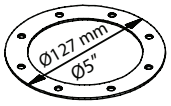
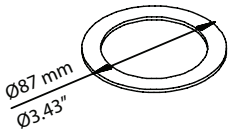
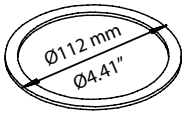
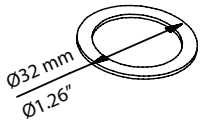
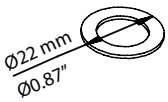


MEV

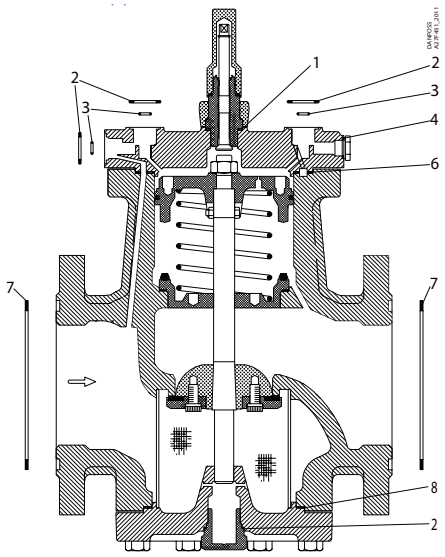
Inspection kit | Code number 027F3079
PM, PML, PMLX, MRV, size 65 | MEV, PMFH, size 500



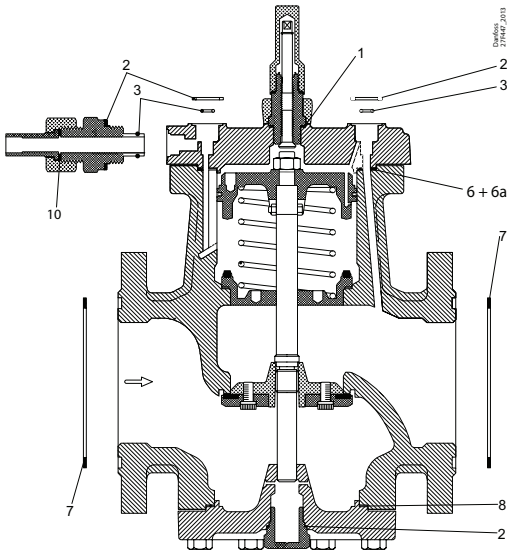
PMFH

1 = Alu.  Total no. = 1	**2** = Fibre  Total no. = 4	**3**  Total no. = 3	**4** = Alu.  Total no. = 1
5 = Alu.  Total no. = 1	**6** = Fibre  Total no. = 1	**7** = Fibre  Total no. = 2	**8** = Fibre  Total no. = 1
9 = Alu.  Total no. = 1	**10** = Alu.  Total no. = 1		

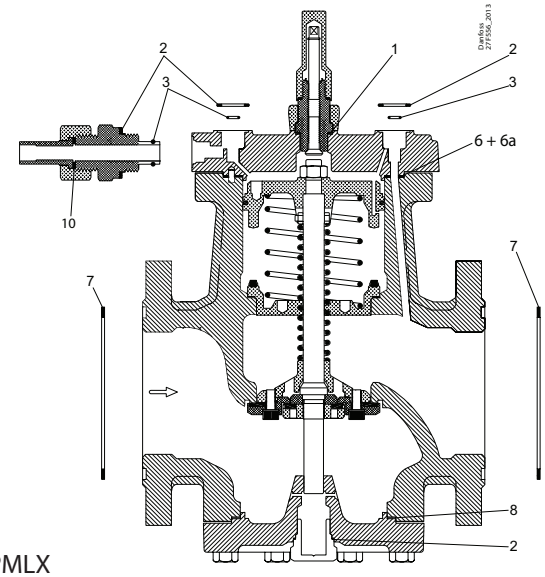
Inspection kit | Code number 027F3091
PM, PML, PMLX, size 80



PM3



PML

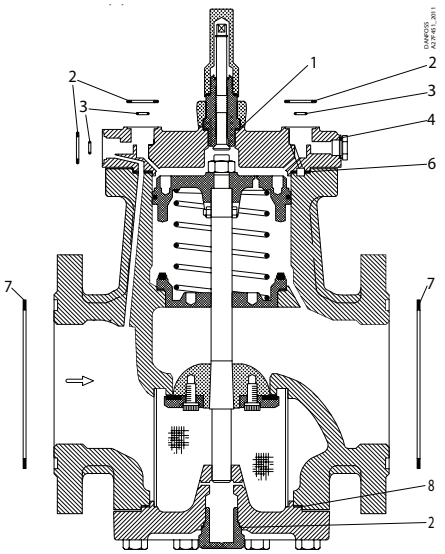


PMLX

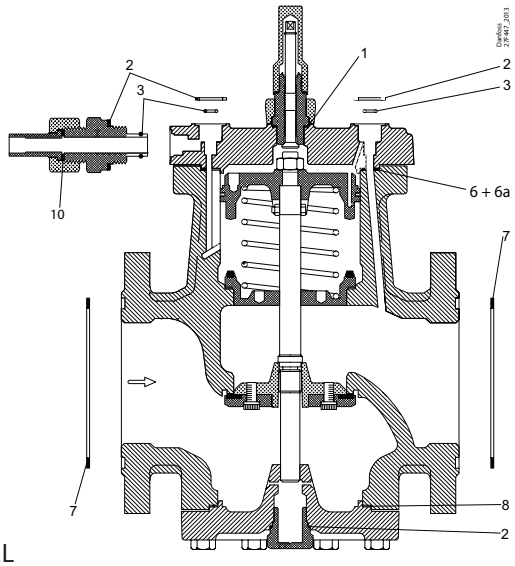
1 = Alu. Ø26 mm / Ø1.02″ Total no. = 1	**2** = Fibre Ø33 mm / Ø1.28″ Total no. = 4	**3** Ø9 mm / Ø0.36″ Total no. = 3	**4** = Alu. Ø18 mm / Ø0.70″ Total no. = 1	**5*** = Alu. Ø14 mm / Ø0.55″ Total no. = 1	**6** = Fibre Ø154 mm / Ø6.06″ Total no. = 1
6a = Fibre Ø154 mm / Ø6.06″ Total no. = 1	**7** = Fibre Ø149 mm / Ø5.87″ Total no. = 2	**8** = Fibre Ø134 mm / Ø5.28″ Total no. = 1	**9*** = Alu. Ø32 mm / Ø1.26″ Total no. = 1	**10** = Alu. Ø22 mm / Ø0.87″ Total no. = 1	

* The spare part is included in the package but is not used for PM, PML, PMLX 100

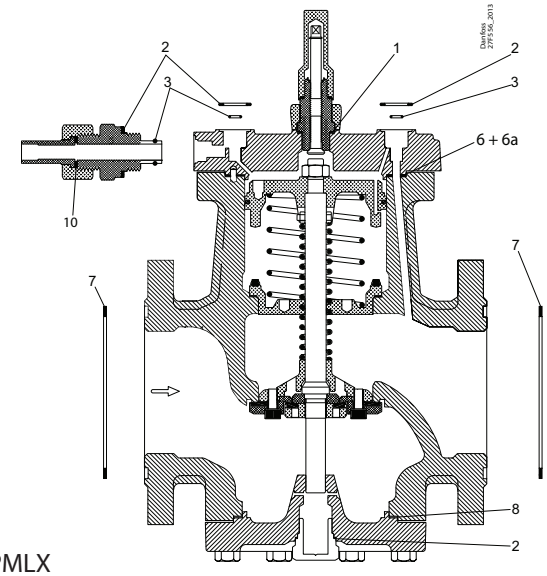
Inspection kit | Code number 027F3092
PM, PML, PMLX, size 100



PM3



PML

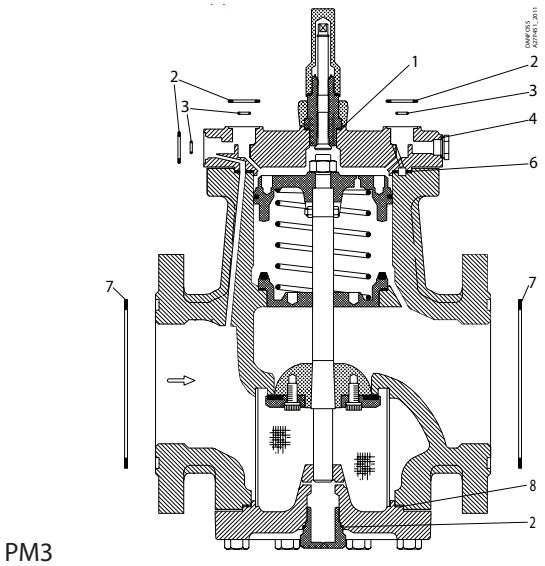


PMLX

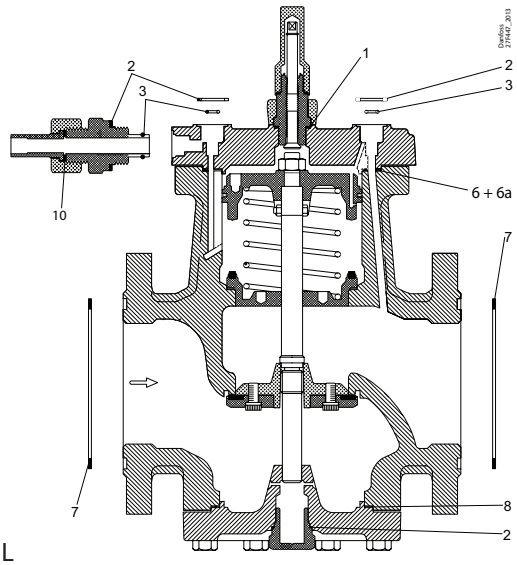
1 = Alu. Ø26 mm / Ø1.02″ Total no. = 1	**2** = Fibre Ø33 mm / Ø1.28″ Total no. = 4	**3** Ø9 mm / Ø0.36″ Total no. = 3	**4** = Alu. Ø18 mm / Ø0.70″ Total no. = 1	**5** * = Alu. Ø14 mm / Ø0.55″ Total no. = 1	**6** = Fibre Ø185 mm / Ø7.28″ Total no. = 1
6a = Fibre Ø185 mm / Ø7.28″ Total no. = 1	**7** = Fibre Ø175 mm / Ø6.89″ Total no. = 2	**8** = Fibre Ø168 mm / Ø6.61″ Total no. = 1	**9** * = Alu. Ø32 mm / Ø1.26″ Total no. = 1	**10** = Alu. Ø22 mm / Ø0.87″ Total no. = 1	

* The spare part is included in the package but is not used for PM, PML, PMLX 100

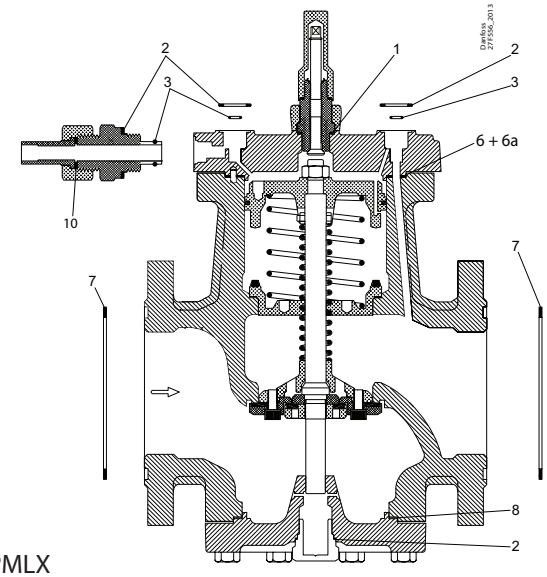
Inspection kit | Code number 027F3093
PM, PML, PMLX, size 125



PM3



PML

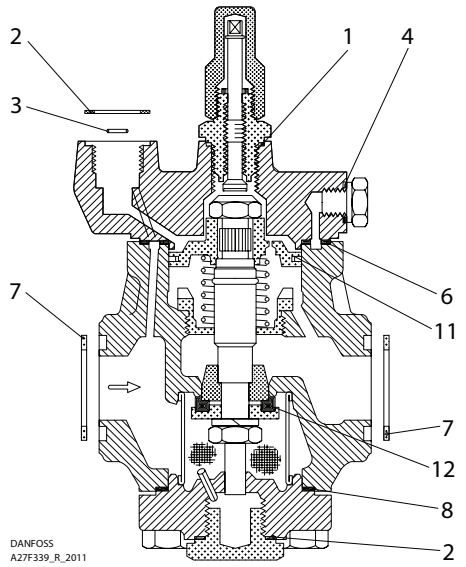


PMLX

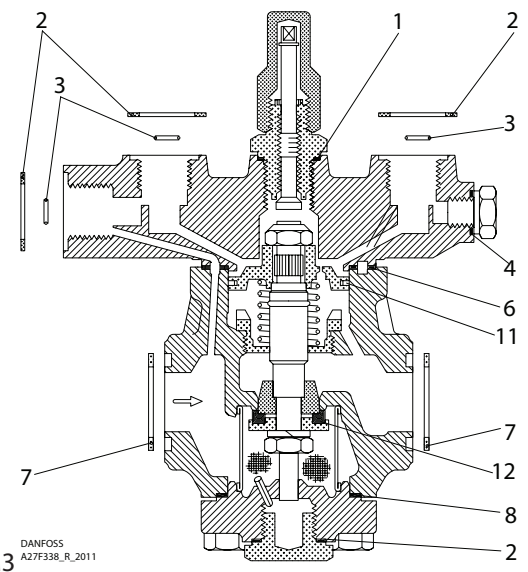
1 = Alu. Ø26 mm Ø1.02" Total no. = 1	**2** = Fibre Ø33 mm Ø1.28" Total no. = 4	**3** Ø9 mm Ø0.36" Total no. = 3	**4** = Alu. Ø18 mm Ø0.70" Total no. = 1	**5** * = Alu. Ø14 mm Ø0.55" Total no. = 1	**6** = Fibre Ø221 mm Ø8.7" Total no. = 1
6a = Fibre Ø221 mm Ø8.7" Total no. = 1	**7** = Fibre Ø203 mm Ø7.99" Total no. = 2	**8** = Fibre Ø196 mm Ø7.72" Total no. = 1	**9** * = Alu. Ø32 mm Ø1.26" Total no. = 1	**10** = Alu. Ø22 mm Ø0.87" Total no. = 1	

* The spare part is included in the package but is not used for PM, PML, PMLX 125

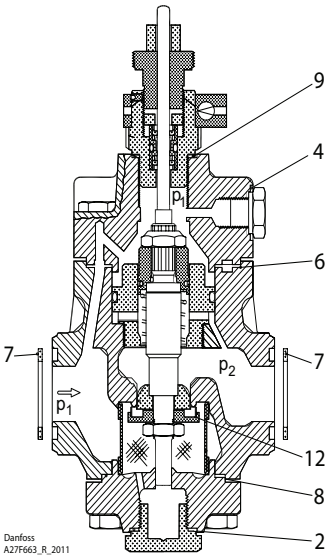
Repair kit | Code number 027F3150
PM, MRV, size 5 to 25 | MEV, PMFH, PMFL, sizes 80-1 to 80-7



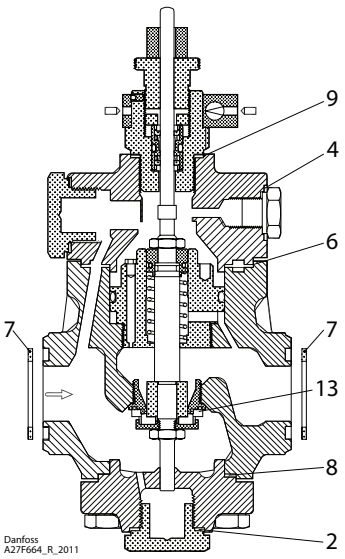
PM1



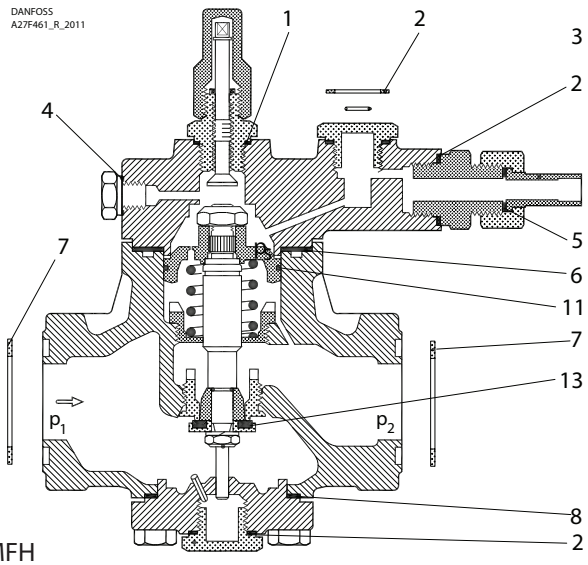
PM3



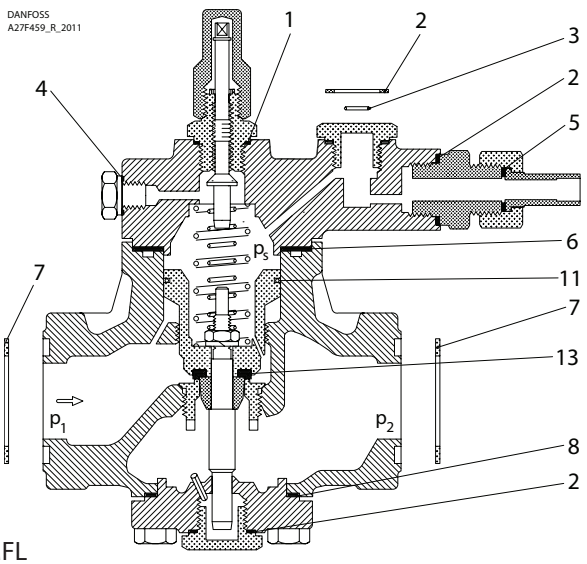
MRV



MEV

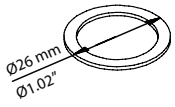
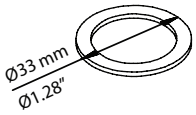
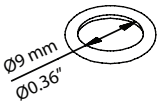
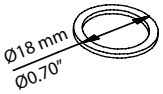
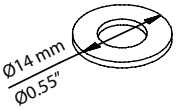
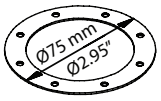
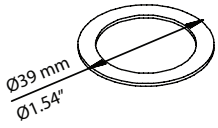
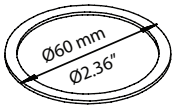
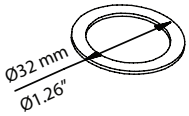
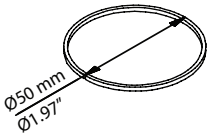
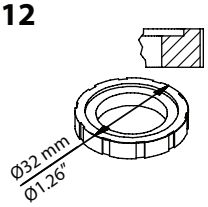
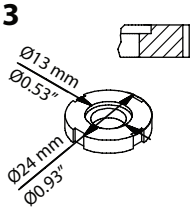
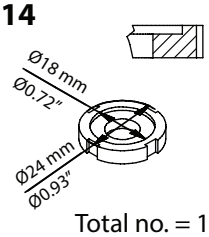


PMFH



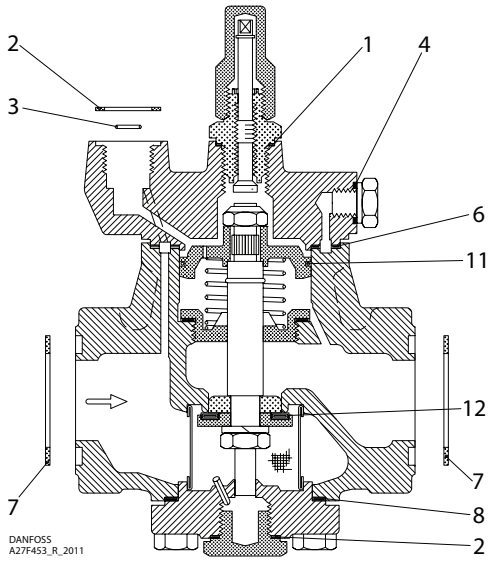
PMFL

Repair kit | Code number 027F3150
PM, MRV, size 5 to 25 | MEV, PMFH, PMFL, sizes 80-1 to 80-7

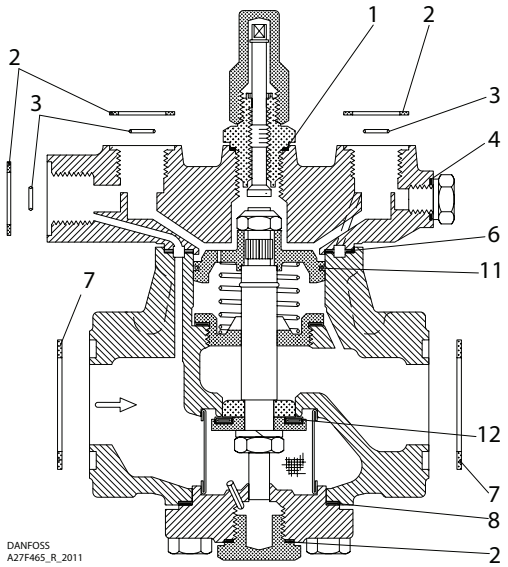
1 = Alu.  Total no. = 1	**2** = Fibre  Total no. = 4	**3**  Total no. = 3	**4** = Alu.  Total no. = 1	**5** = Alu.  Total no. = 1	**6** = Fibre  Total no. = 1
7 = Fibre  Total no. = 2	**8** = Fibre  Total no. = 1	**9** = Alu.  Total no. = 1	**10*** = Alu.  Total no. = 1	**11**  Total no. = 1	**12**  Total no. = 1
13  Total no. = 1	**14**  Total no. = 1				

* The spare part is included in the package but is not used for PM, MRV 5 to 25 or MEV, PMFH, PMFL 80-1 to 80-7

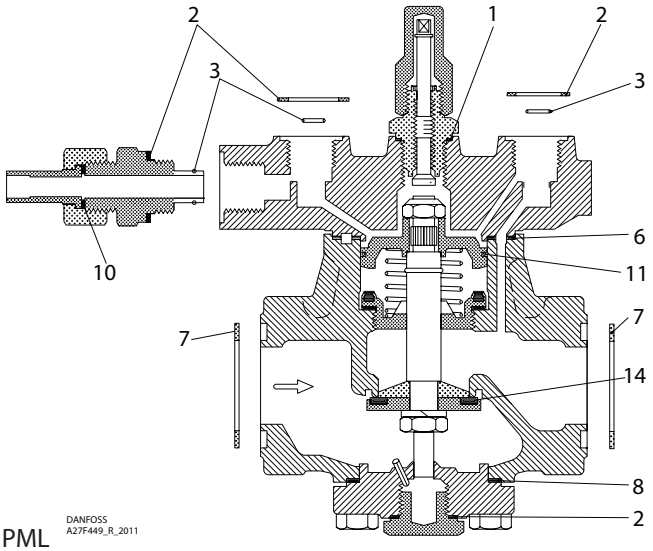
Repair kit | Code number 027F3152
PM, PML/X, MRV, size 32 | MEV, PMFH/L, size 125



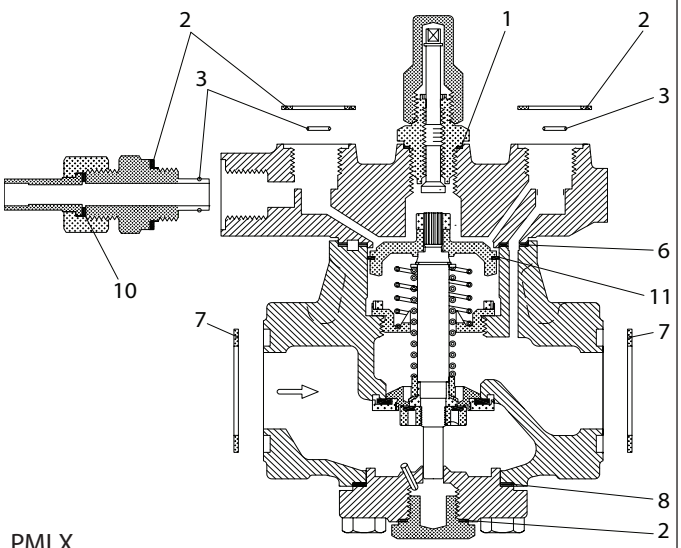
PM1



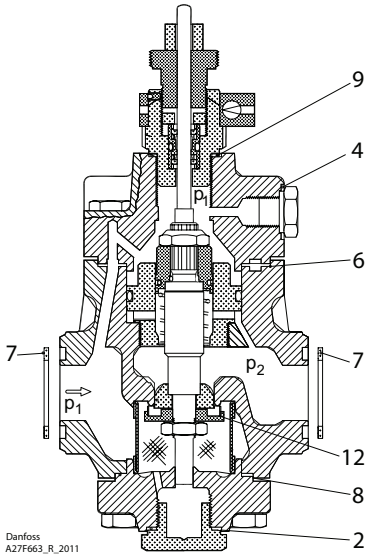
PM3



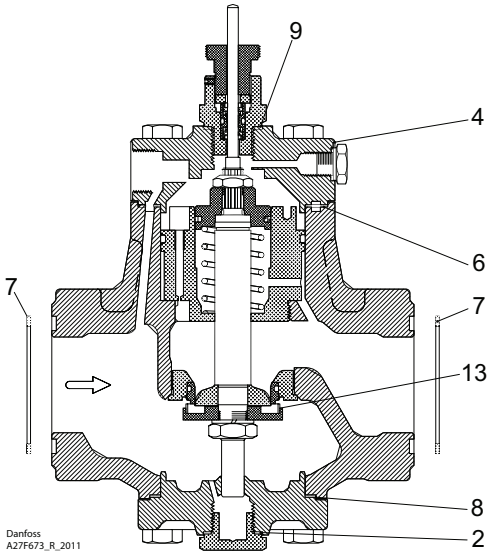
PML



PMLX

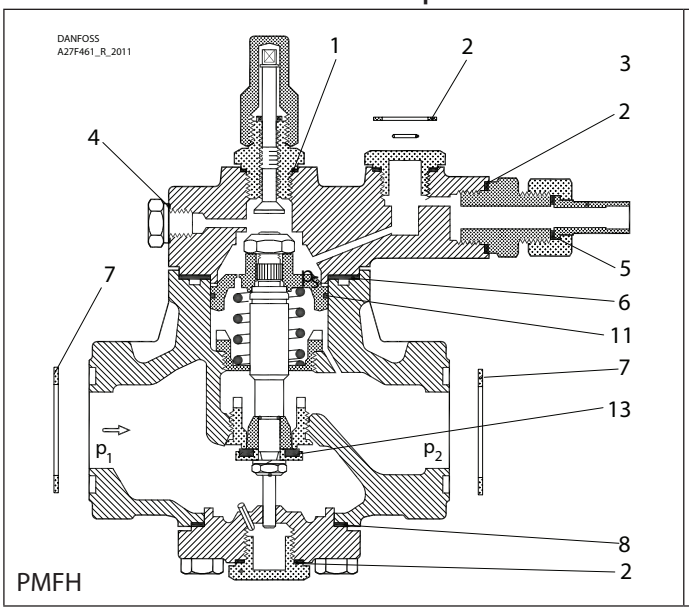


MRV

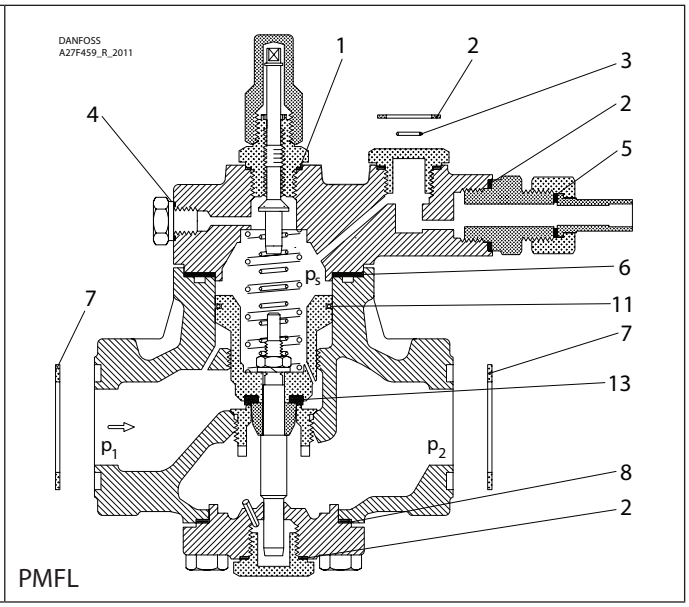


MEV

Repair kit | Code number 027F3152
PM, PML/X, MRV, size 32 | MEV, PMFH/L, size 125



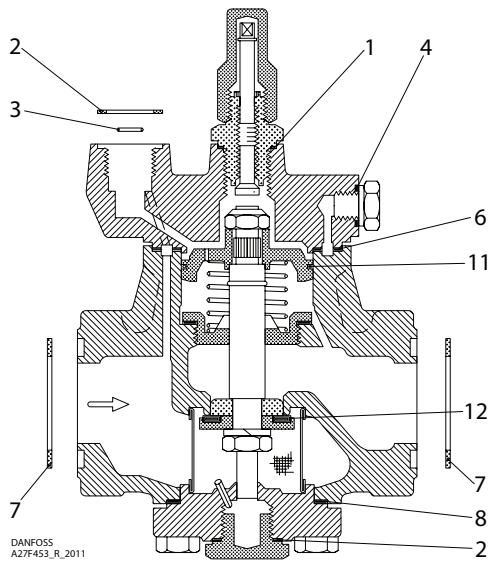
PMFH



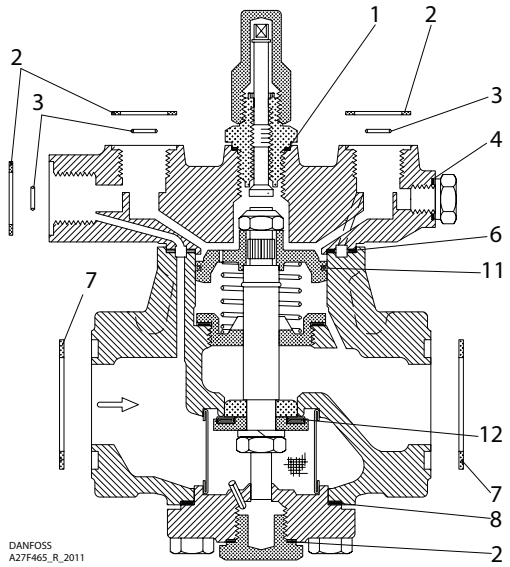
PMFL

1 = Alu. Ø26 mm Ø1.02" Total no. = 1	**2** = Fibre Ø33 mm Ø1.28" Total no. = 4	**3** Ø9 mm Ø0.36" Total no. = 3	**4** = Alu. Ø18 mm Ø0.70" Total no. = 1	**5** = Alu. Ø14 mm Ø0.55" Total no. = 1	**6** = Fibre Ø85 mm Ø3.35" Total no. = 1
7 = Fibre Ø58 mm Ø2.28" Total no. = 2	**8** = Fibre Ø70 mm Ø2.76" Total no. = 1	**9** = Alu. Ø32 mm Ø1.26" Total no. = 1	**10** = Alu. Ø22 mm Ø0.87" Total no. = 1	**11** Ø60 mm Ø2.36" Total no. = 1	**12** Ø32 mm Ø1.28" Ø39 mm Ø1.53" Total no. = 1
13 Ø21 mm Ø0.83" Ø28 mm Ø1.1" Total no. = 1	**14** Ø42 mm Ø1.67" Ø50 mm Ø1.96" Total no. = 1				

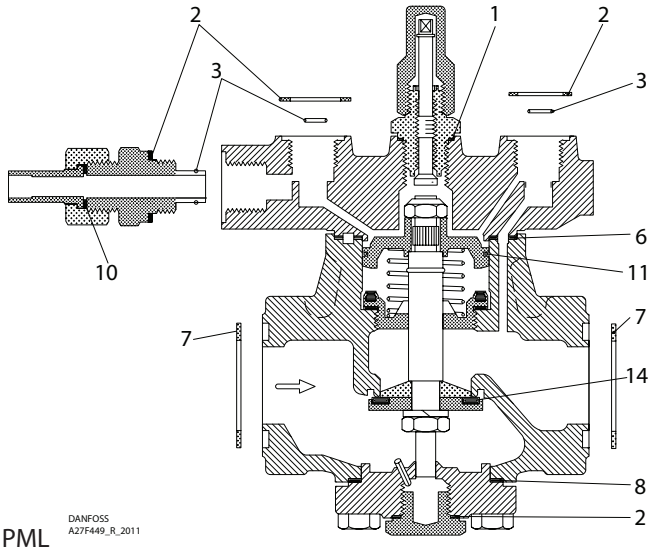
Repair kit | Code number 027F3153
PM, PML/X, MRV, size 40 | MEV, PMFH/L, size 200



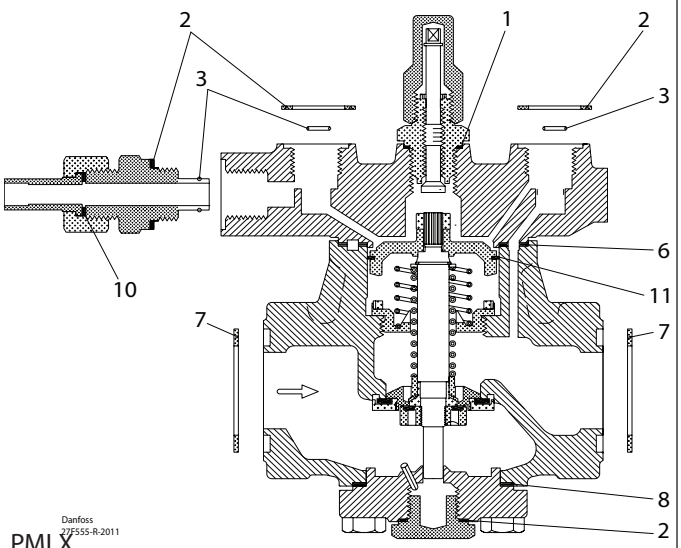
PM1



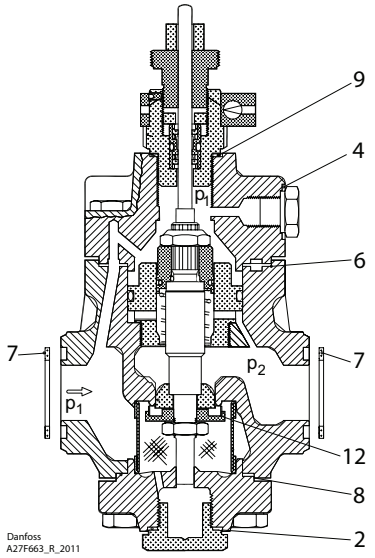
PM3



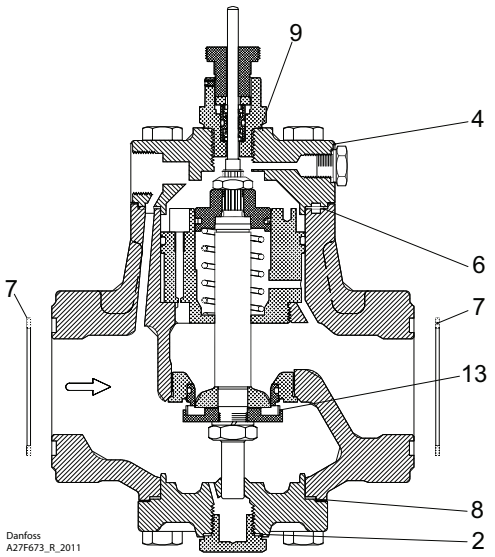
PML



PMLX

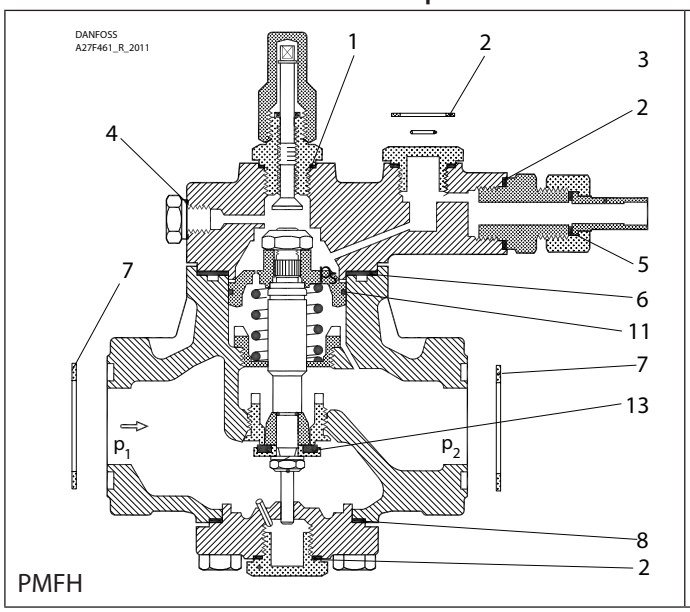


MRV

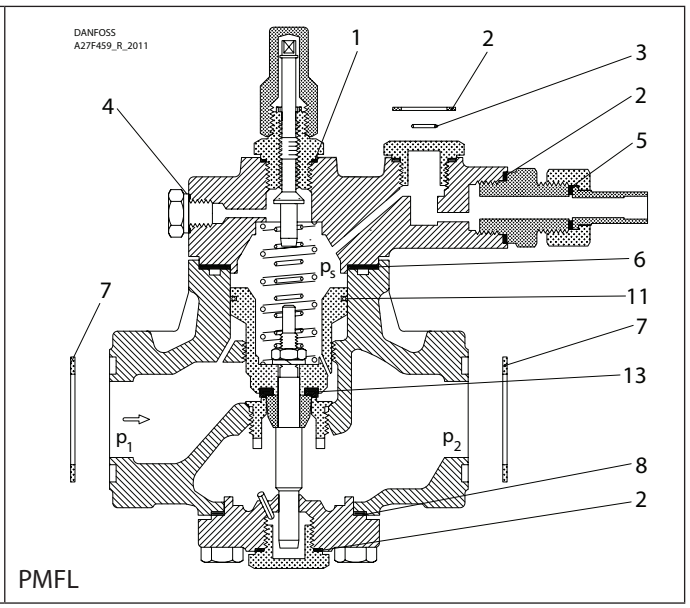


MEV

Repair kit | Code number 027F3153
PM, PML/X, MRV, size 40 | MEV, PMFH/L, size 200



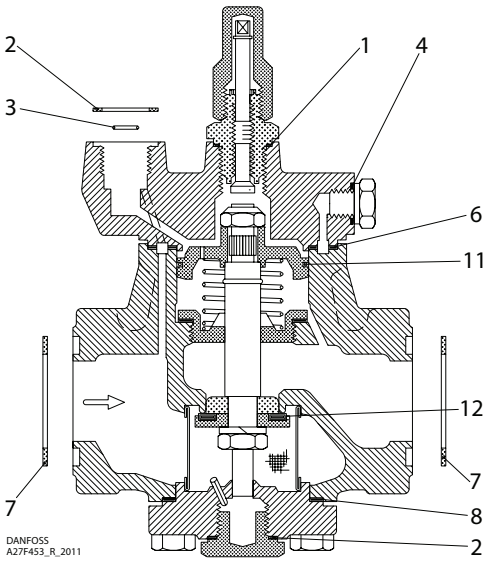
PMFH



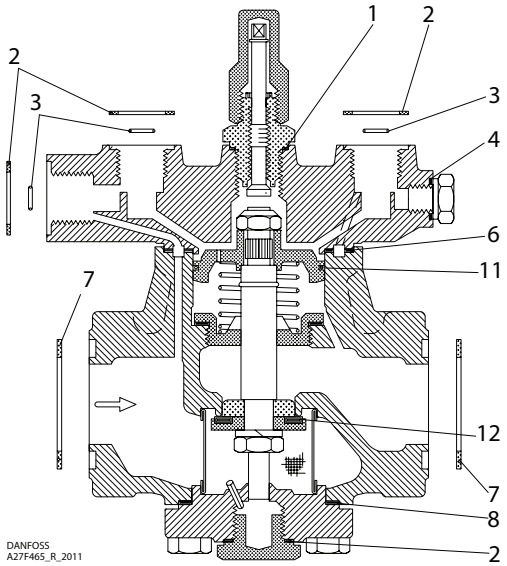
PMFL

1 = Alu. Ø26 mm Ø1.02" Total no. = 1	**2** = Fibre Ø33 mm Ø1.28" Total no. = 4	**3** Ø9 mm Ø0.36" Total no. = 3	**4** = Alu. Ø18 mm Ø0.70" Total no. = 1	**5** = Alu. Ø14 mm Ø0.55" Total no. = 1	**6** = Fibre Ø93 mm Ø3.66" Total no. = 1
7 = Fibre Ø65 mm Ø2.56" Total no. = 2	**8** = Fibre Ø78 mm Ø3.07" Total no. = 1	**9** = Alu. Ø32 mm Ø1.26" Total no. = 1	**10** = Alu. Ø22 mm Ø0.87" Total no. = 1	**11** Ø68 mm Ø2.68" Total no. = 1	**12** Ø42 mm Ø1.65" Ø50 mm Ø1.96" Total no. = 1
13 Ø26 mm Ø1.04" Ø32 mm Ø1.26" Total no. = 1	**14** Ø50 mm Ø1.98" Ø60 mm Ø2.35" Total no. = 1				

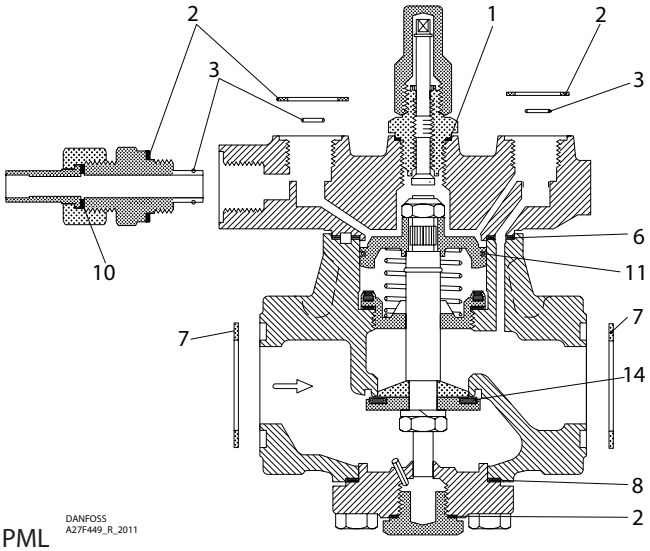
Repair kit | Code number 027F3154
PM, PML/X, MRV, size 50 | MEV, PMFH/L, size 300



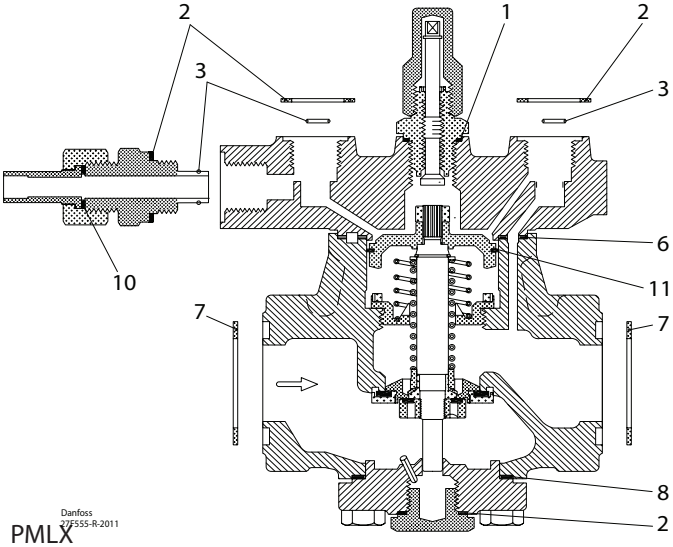
PM1



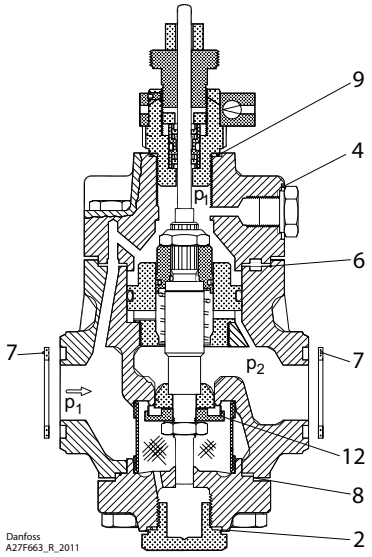
PM3



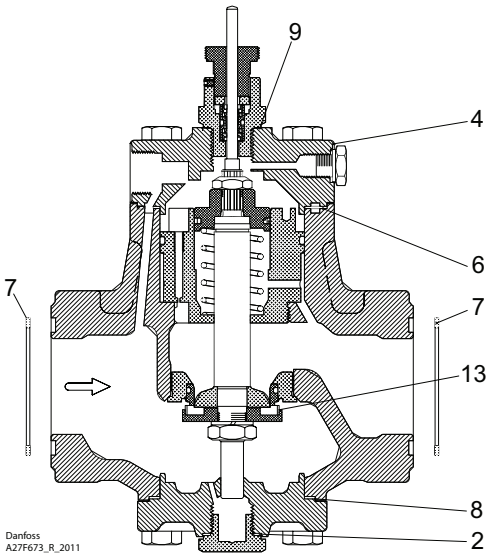
PML



PMLX

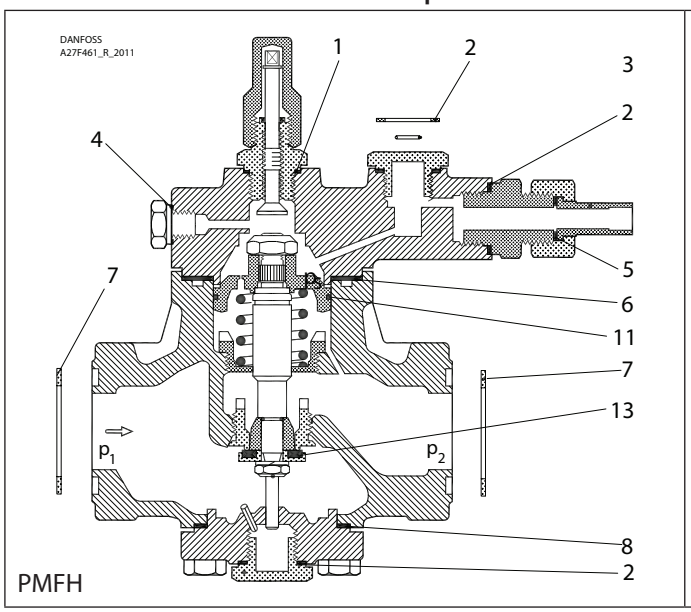


MRV

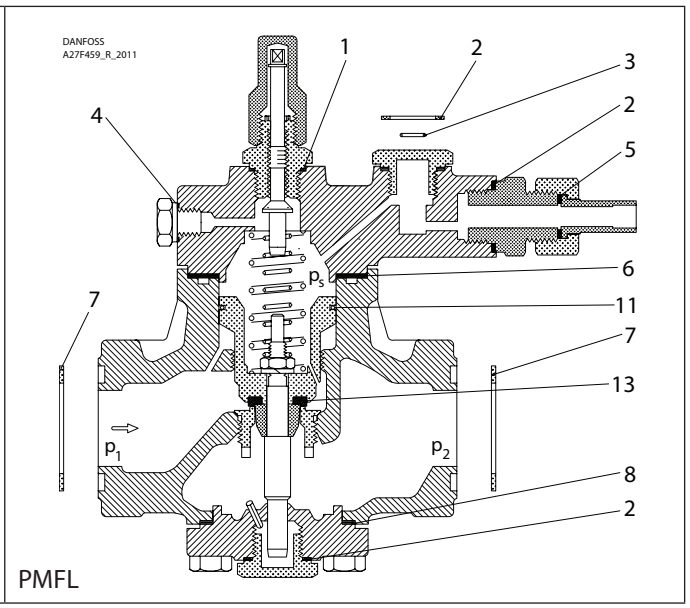


MEV

Repair kit | Code number 027F3154
PM, PML/X, MRV, size 50 | MEV, PMFH/L, size 300



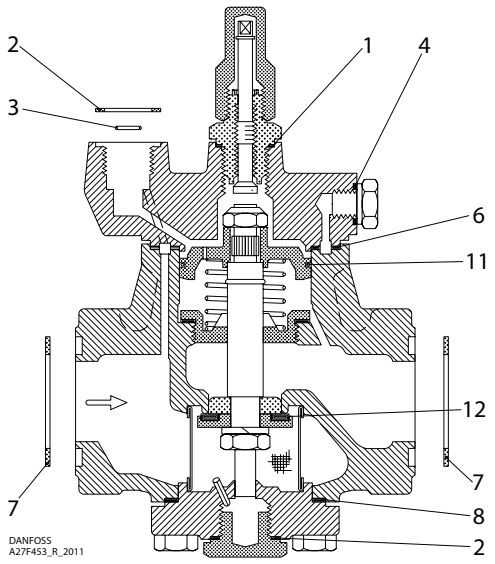
PMFH



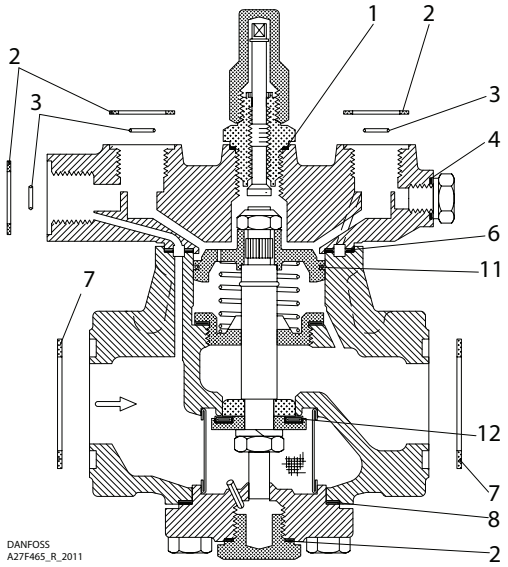
PMFL

1 = Alu. Ø26 mm Ø1.02" Total no. = 1	**2** = Fibre Ø33 mm Ø1.28" Total no. = 4	**3** Ø9 mm Ø0.36" Total no. = 3	**4** = Alu. Ø18 mm Ø0.70" Total no. = 1	**5** = Alu. Ø14 mm Ø0.55" Total no. = 1	**6** = Fibre Ø105 mm Ø4.13" Total no. = 1
7 = Fibre Ø76 mm Ø2.99" Total no. = 2	**8** = Fibre Ø92 mm Ø3.62" Total no. = 1	**9** = Alu. Ø32 mm Ø1.26" Total no. = 1	**10** = Alu. Ø22 mm Ø0.87" Total no. = 1	**11** Ø80 mm Ø3.15" Total no. = 1	**12** Ø50 mm Ø1.98" Ø60 mm Ø2.35" Total no. = 1
13 Ø32 mm Ø1.28" Ø39 mm Ø1.53" Total no. = 1	**14** Ø65 mm Ø2.57" Ø73 mm Ø2.89" Total no. = 1				

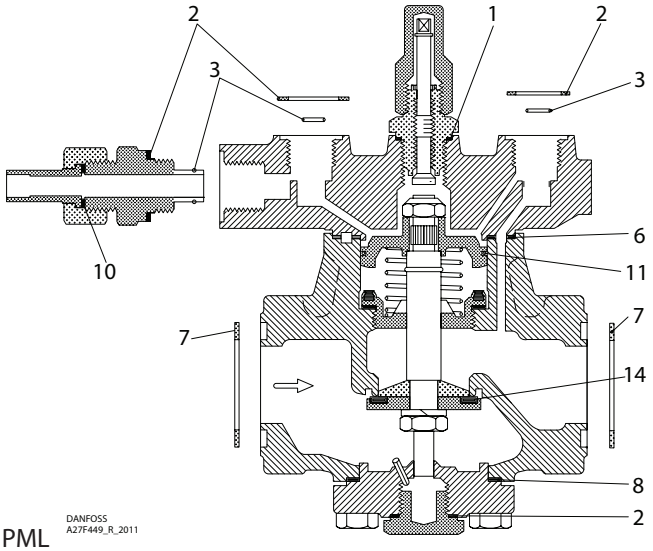
Repair kit | Code number 027F3155
PM, PML/X, MRV, size 65 | MEV, PMFH, size 500



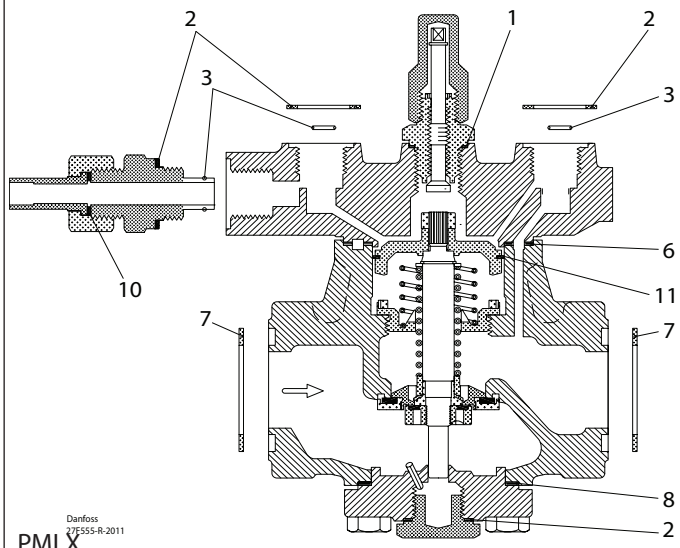
PM1



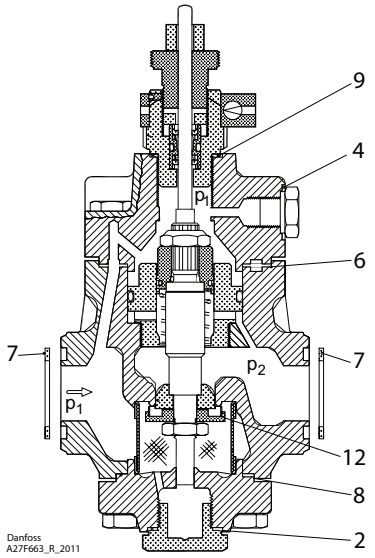
PM3



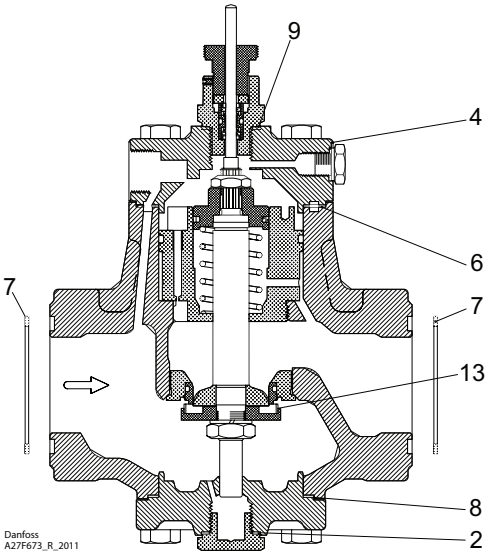
PML



PMLX

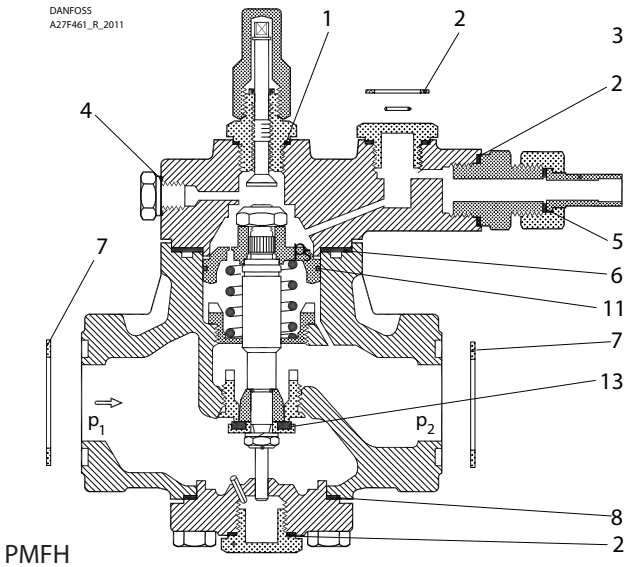


MRV



MEV

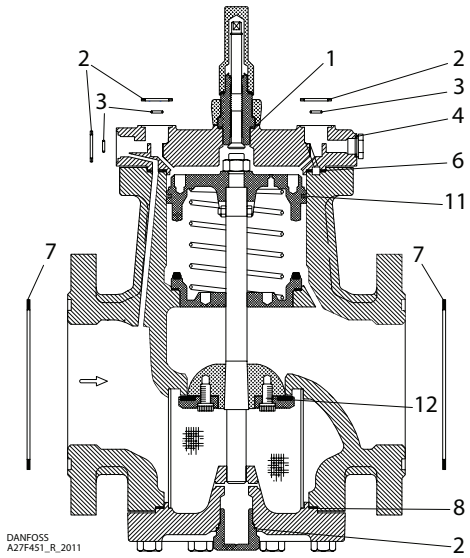
Repair kit | Code number 027F3155
PM, PML/X, MRV, size 65 | MEV, PMFH, size 500



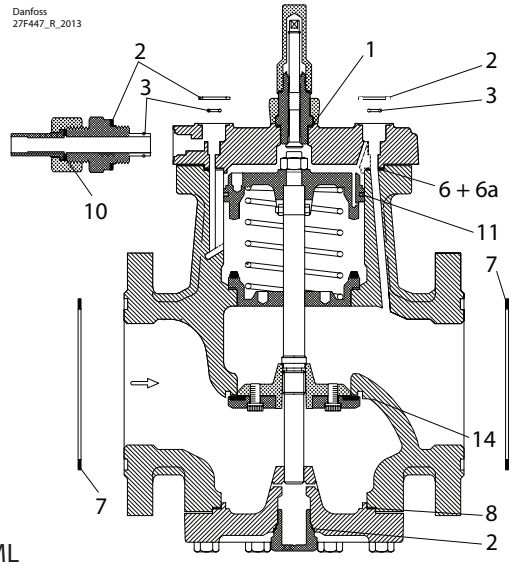
PMFH

1 = Alu. Ø26 mm Ø1.02" Total no. = 1	**2** = Fibre Ø33 mm Ø1.28" Total no. = 4	**3** Ø9 mm Ø0.36" Total no. = 3	**4** = Alu. Ø18 mm Ø0.70" Total no. = 1	**5** = Alu. Ø14 mm Ø0.55" Total no. = 1	**6** = Fibre Ø127 mm Ø5" Total no. = 1
7 = Fibre Ø87 mm Ø3.43" Total no. = 2	**8** = Fibre Ø112 mm Ø4.41" Total no. = 1	**9** = Alu. Ø32 mm Ø1.26" Total no. = 1	**10** = Alu. Ø22 mm Ø0.87" Total no. = 1	**11** Ø100 mm Ø3.94" Total no. = 1	**12** Ø65 mm Ø2.57" Ø73 mm Ø2.89" Total no. = 1
13 Ø42 mm Ø1.67" Ø50 mm Ø1.97" Total no. = 1	**14** Ø76 mm Ø3.01" Ø86 mm Ø3.38" Total no. = 1				

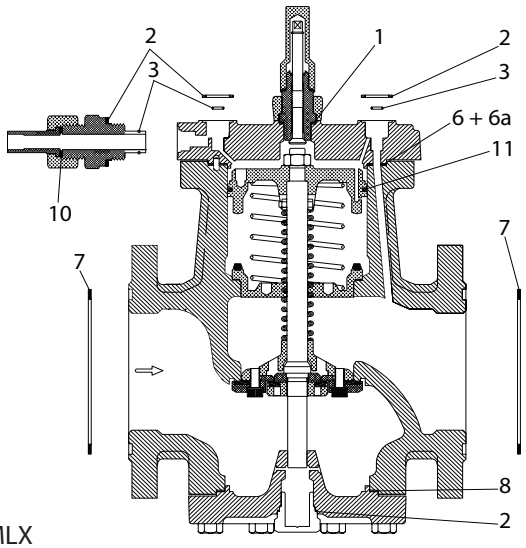
Repair kit | Code number 027F3156
PM, PML/X, size 80



PM3

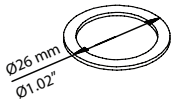
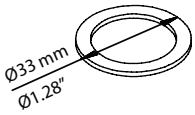
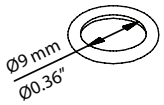
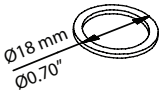
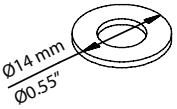
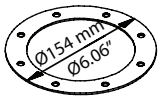
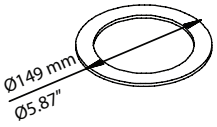
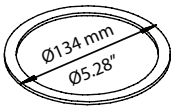
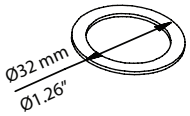
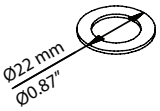
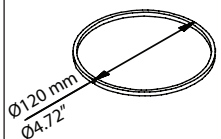
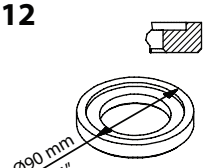
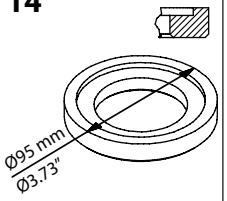


PML



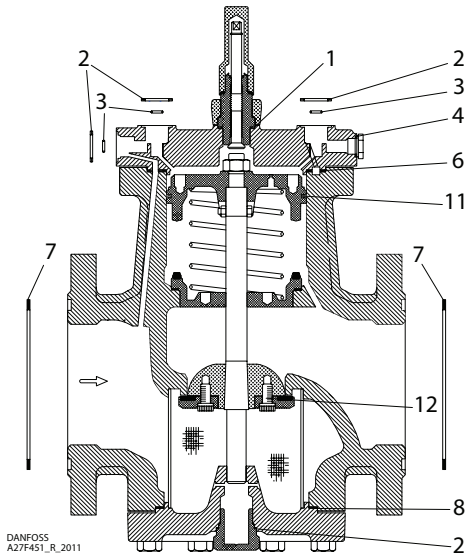
PMLX

Repair kit | Code number 027F3156
PM, PML/X, size 80

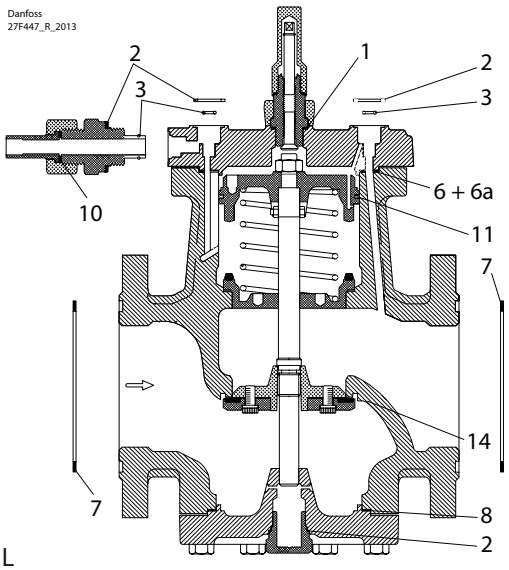
1 = Alu.  Total no. = 1	**2** = Fibre  Total no. = 4	**3**  Total no. = 3	**4** = Alu.  Total no. = 1	**5*** = Alu.  Total no. = 1	**6** = Fibre  Total no. = 1
6a = Fibre  Total no. = 1	**7** = Fibre  Total no. = 2	**8*** = Fibre  Total no. = 1	**9** = Alu.  Total no. = 1	**10** = Alu.  Total no. = 1	**11**  Total no. = 1
12  Total no. = 1	**14**  Total no. = 1				

* The spare part is included in the package but is not used for PM, PML/X 80.

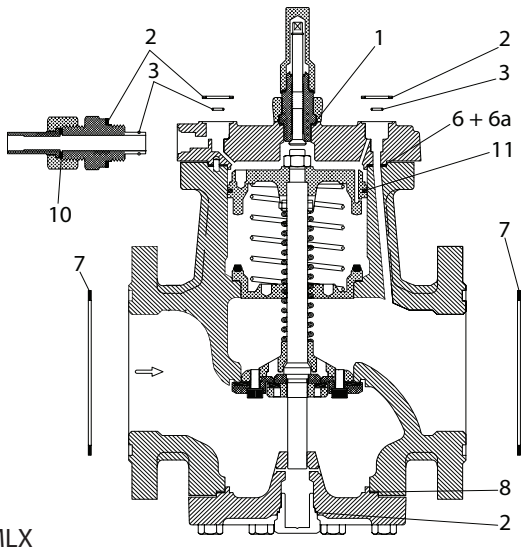
Repair kit | Code number 027F3157
PM, PML/X, size 100



PM3

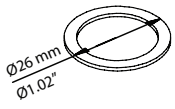
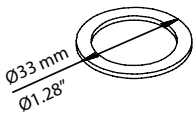
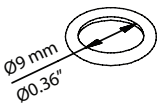
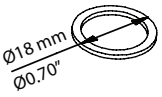
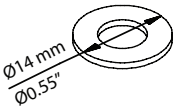
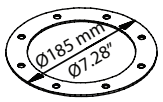
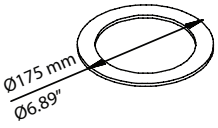
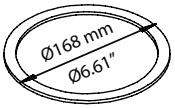
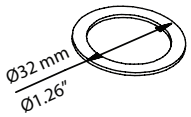
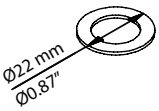
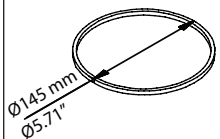
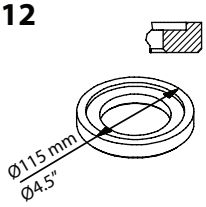
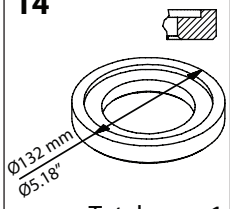


PML



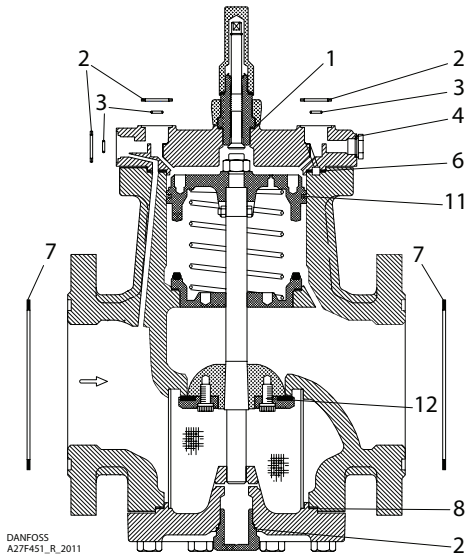
PMLX

Repair kit | Code number 027F3157
PM, PML/X, size 100

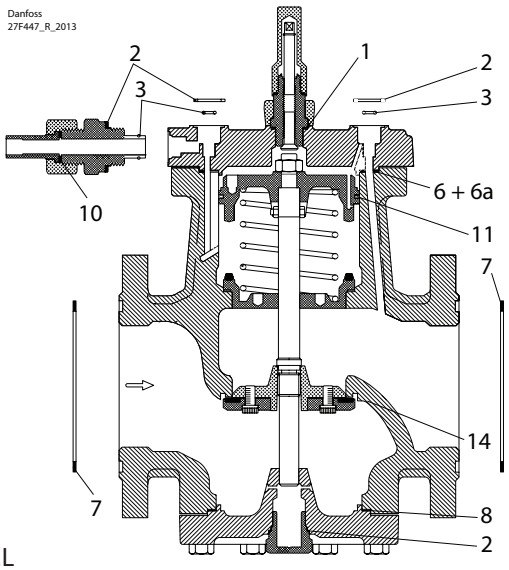
1 = Alu.  Total no. = 1	**2** = Fibre  Total no. = 4	**3**  Total no. = 3	**4** = Alu.  Total no. = 1	**5** * = Alu.  Total no. = 1	**6** = Fibre  Total no. = 1
6a = Fibre  Total no. = 1	**7** = Fibre  Total no. = 2	**8** * = Fibre  Total no. = 1	**9** = Alu.  Total no. = 1	**10** = Alu.  Total no. = 1	**11**  Total no. = 1
12  Total no. = 1	**14**  Total no. = 1				

* The spare part is included in the package but is not used for PM, PML/X 100.

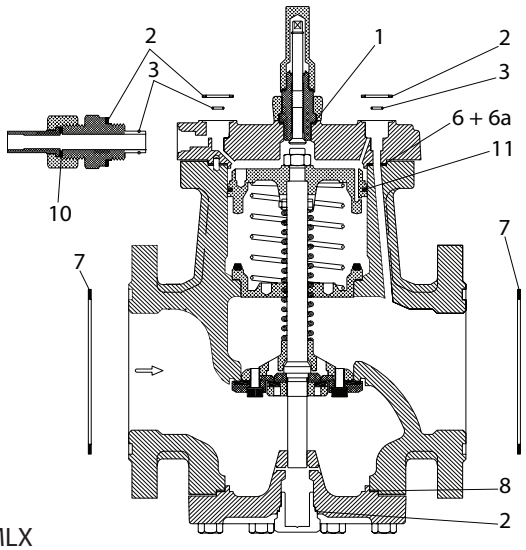
Repair kit | Code number 027F3158
PM, PML/X, size 125



PM3

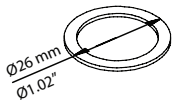
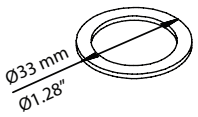
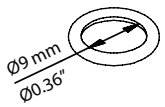
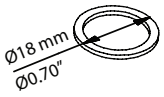
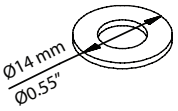
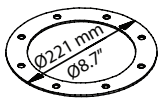
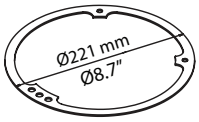
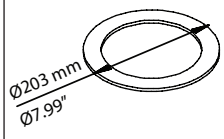
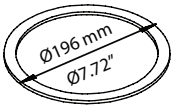
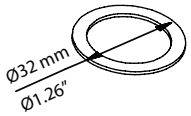
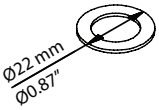
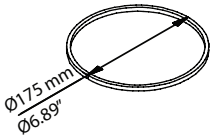
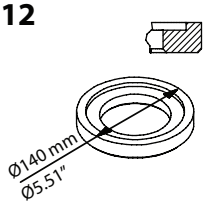
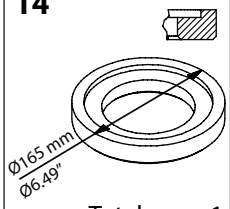


PML



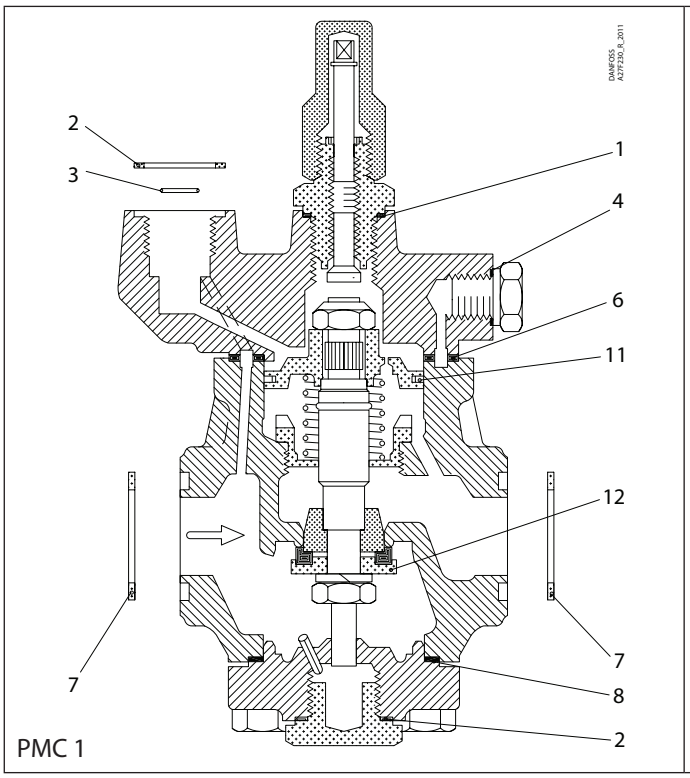
PMLX

Repair kit | Code number 027F3158
PM, PML/X, size 125

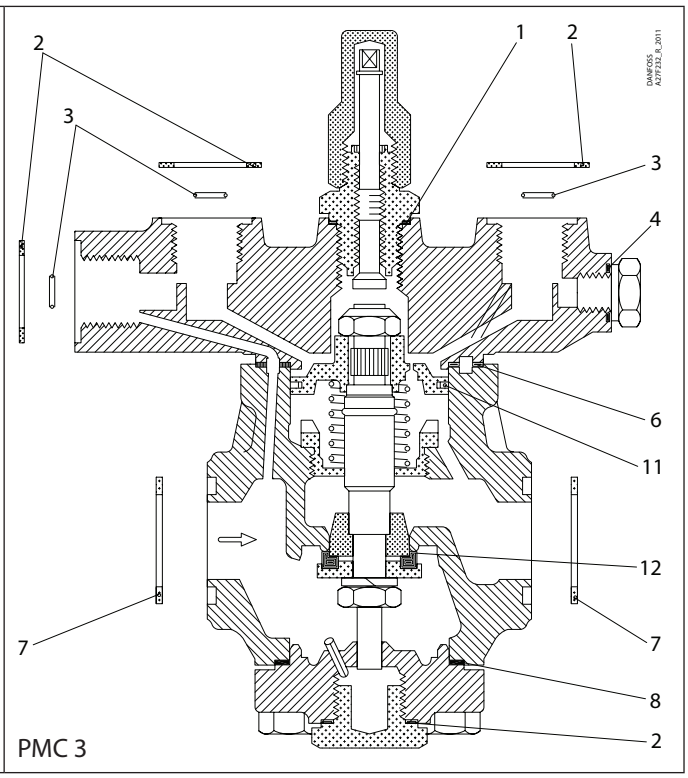
1 = Alu.  Total no. = 1	**2** = Fibre  Total no. = 4	**3**  Total no. = 3	**4** = Alu.  Total no. = 1	**5** * = Alu.  Total no. = 1	**6** = Fibre  Total no. = 1
6a = Fibre  Total no. = 1	**7** = Fibre  Total no. = 2	**8** * = Fibre  Total no. = 1	**9** = Alu.  Total no. = 1	**10** = Alu.  Total no. = 1	**11**  Total no. = 1
12  Total no. = 1	**14**  Total no. = 1				

* The spare part is included in the package but is not used for PM, PML/X 125.

Repair kit | Code number 027F0555
PMC, size 20-5, 20-8, 20-12 and 20-20

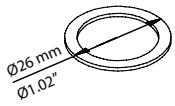


PMC 1



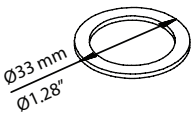
PMC 3

1 = Alu.



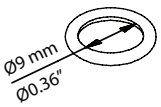
Total no. = 1

2 = Fibre



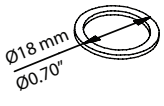
Total no. = 4

3



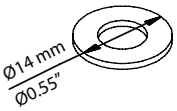
Total no. = 3

4 = Alu.



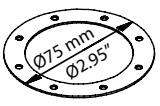
Total no. = 1

5* = Alu.



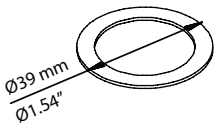
Total no. = 1

6 = Fibre



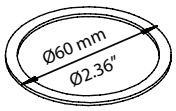
Total no. = 1

7 = Fibre



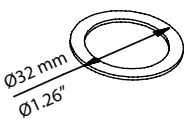
Total no. = 2

8 = Fibre



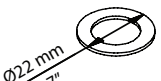
Total no. = 1

9* = Alu.



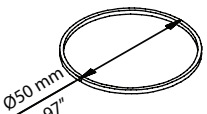
Total no. = 1

10* = Alu.



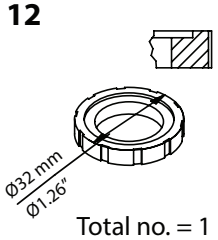
Total no. = 1

11



Total no. = 1

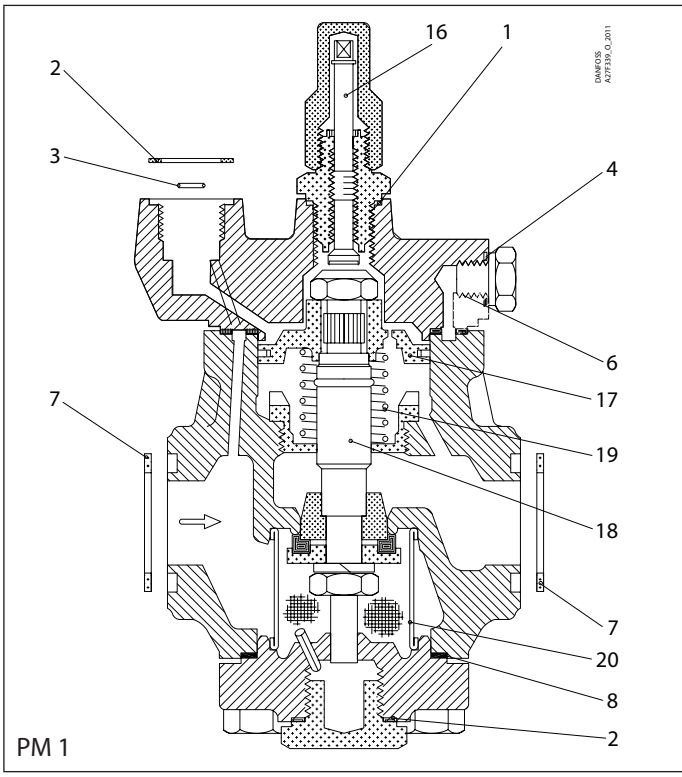
12



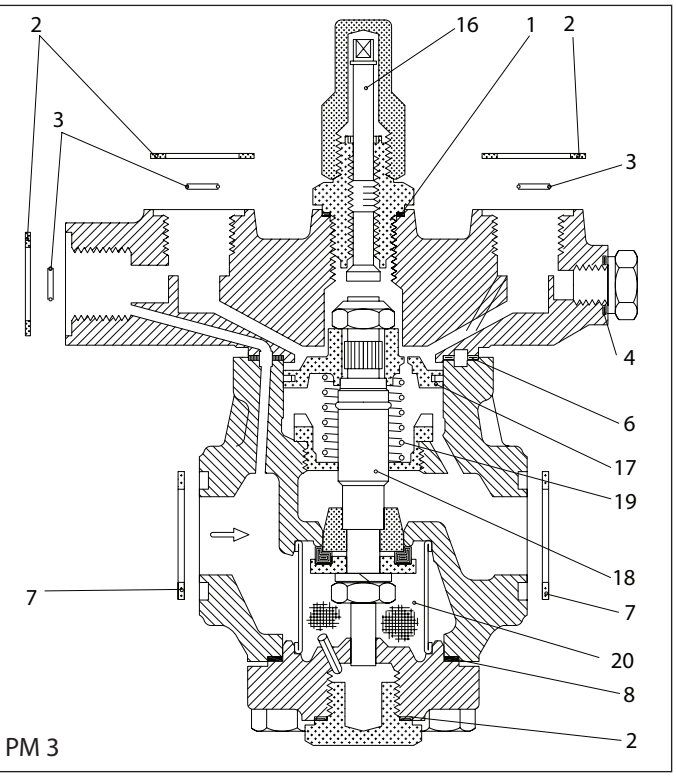
Total no. = 1

* The spare part is included in the package but is not used for PMC 1 and 3.

Overhaul kit | Code number 027F3370
PM, size 20

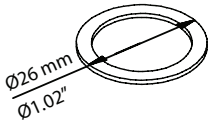


PM 1



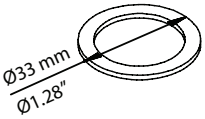
PM 3

1 = Alu.



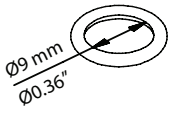
Total no. = 1

2 = Fibre



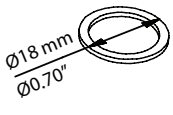
Total no. = 4

3



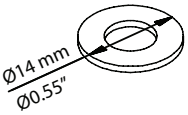
Total no. = 3

4 = Alu.



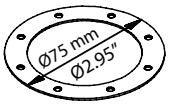
Total no. = 1

5* = Alu.



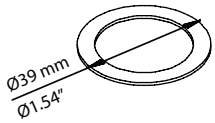
Total no. = 1

6 = Fibre



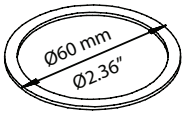
Total no. = 1

7 = Fibre



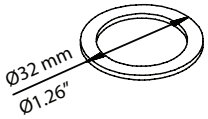
Total no. = 2

8 = Fibre



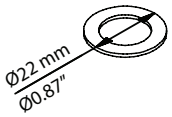
Total no. = 1

9* = Alu.



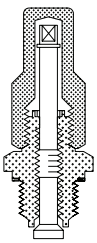
Total no. = 1

10* = Alu.

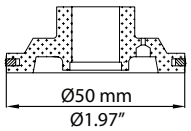


Total no. = 1

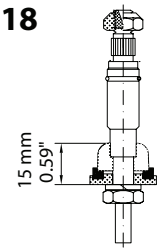
16



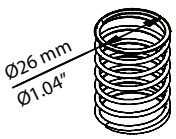
17



18

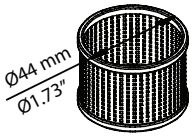


19



Total no. = 1

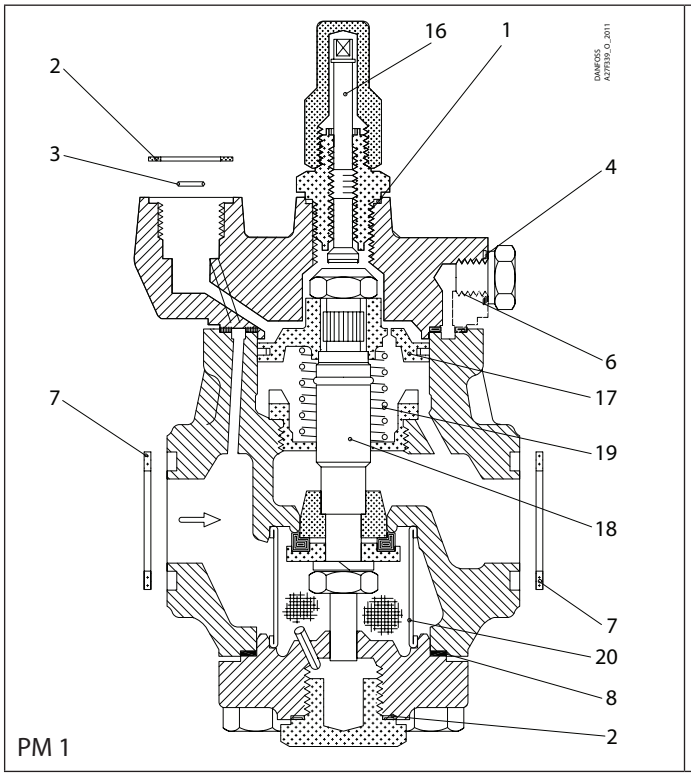
20



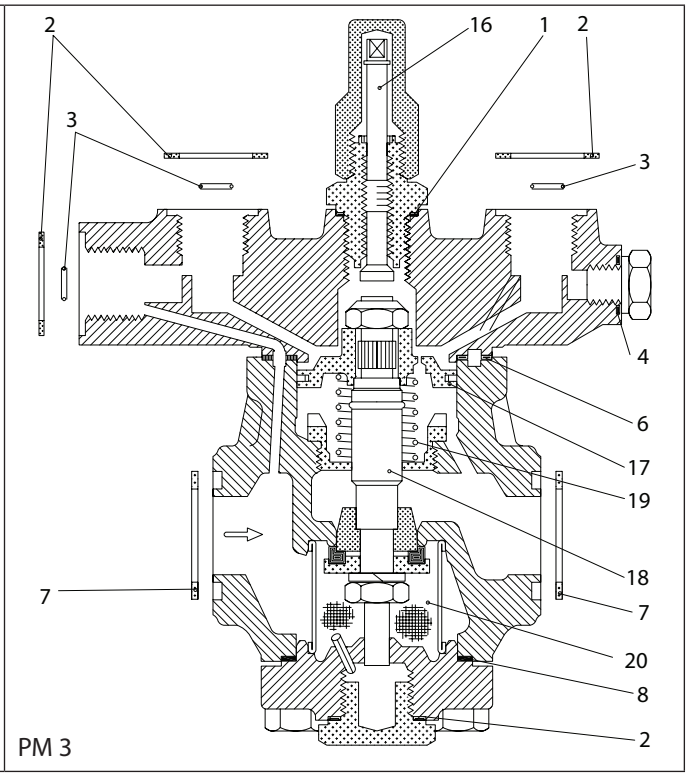
Total no. = 1

* The spare part is included in the package but is not used for PM 1 or PM 3..

Overhaul kit | Code number 027F3371
PM, size 25

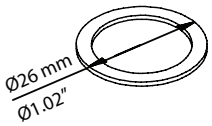


PM 1



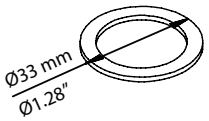
PM 3

1 = Alu.



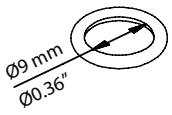
Total no. = 1

2 = Fibre



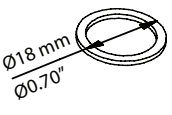
Total no. = 4

3



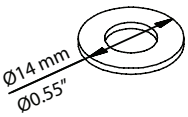
Total no. = 3

4 = Alu.



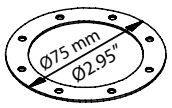
Total no. = 1

5* = Alu.



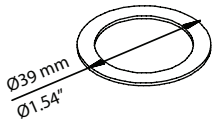
Total no. = 1

6 = Fibre



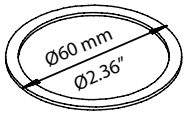
Total no. = 1

7 = Fibre



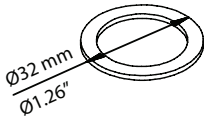
Total no. = 2

8 = Fibre



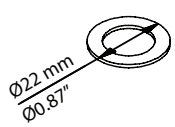
Total no. = 1

9* = Alu.



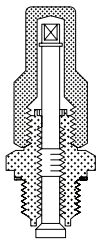
Total no. = 1

10* = Alu.

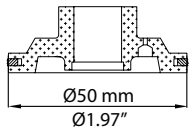


Total no. = 1

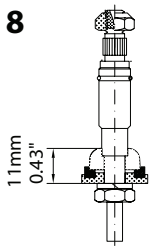
16



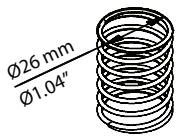
17



18

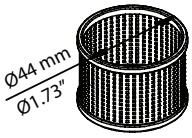


19



Total no. = 1

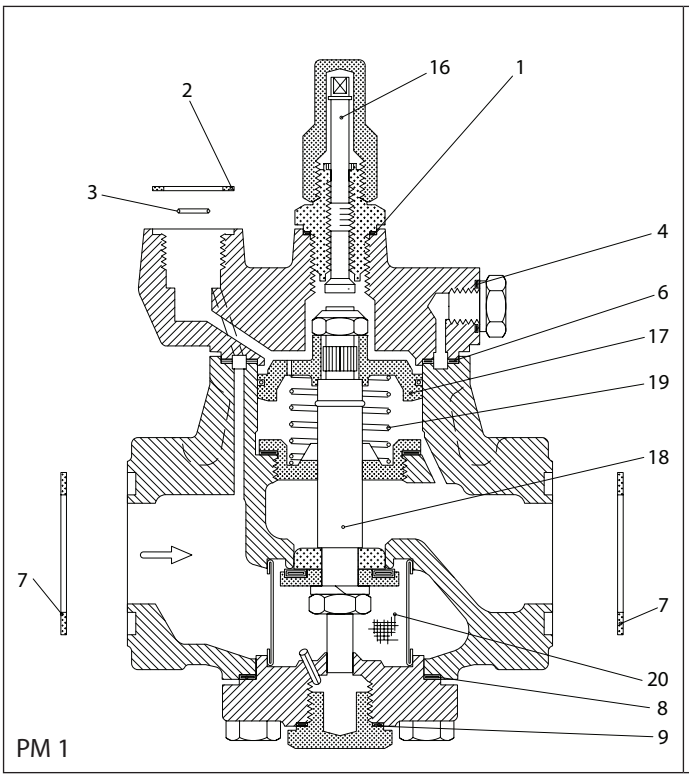
20



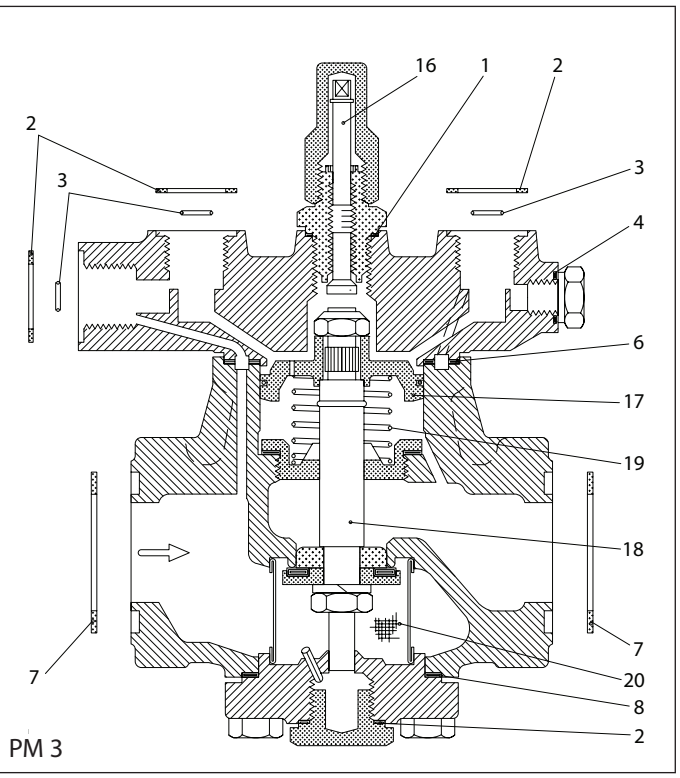
Total no. = 1

* The spare part is included in the package but is not used for PM 1 or PM 3..

Overhaul kit | Code number 027F3373
PM, size 32 - standard cone

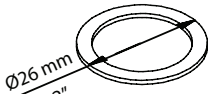


PM 1



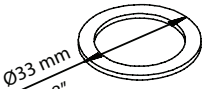
PM 3

1 = Alu.



Total no. = 1

2 = Fibre



Total no. = 4

3



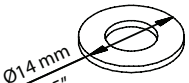
Total no. = 3

4 = Alu.



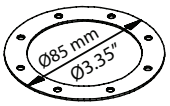
Total no. = 1

5* = Alu.



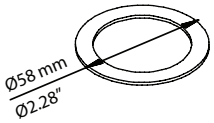
Total no. = 1

6 = Fibre



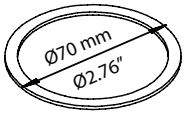
Total no. = 1

7 = Fibre



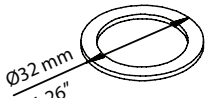
Total no. = 2

8 = Fibre



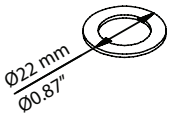
Total no. = 1

9 = Alu.



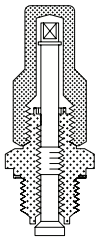
Total no. = 1

10* = Alu.

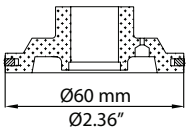


Total no. = 1

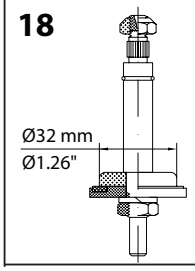
16



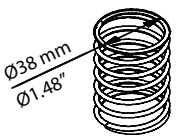
17



18

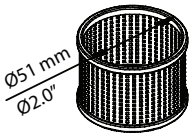


19



Total no. = 1

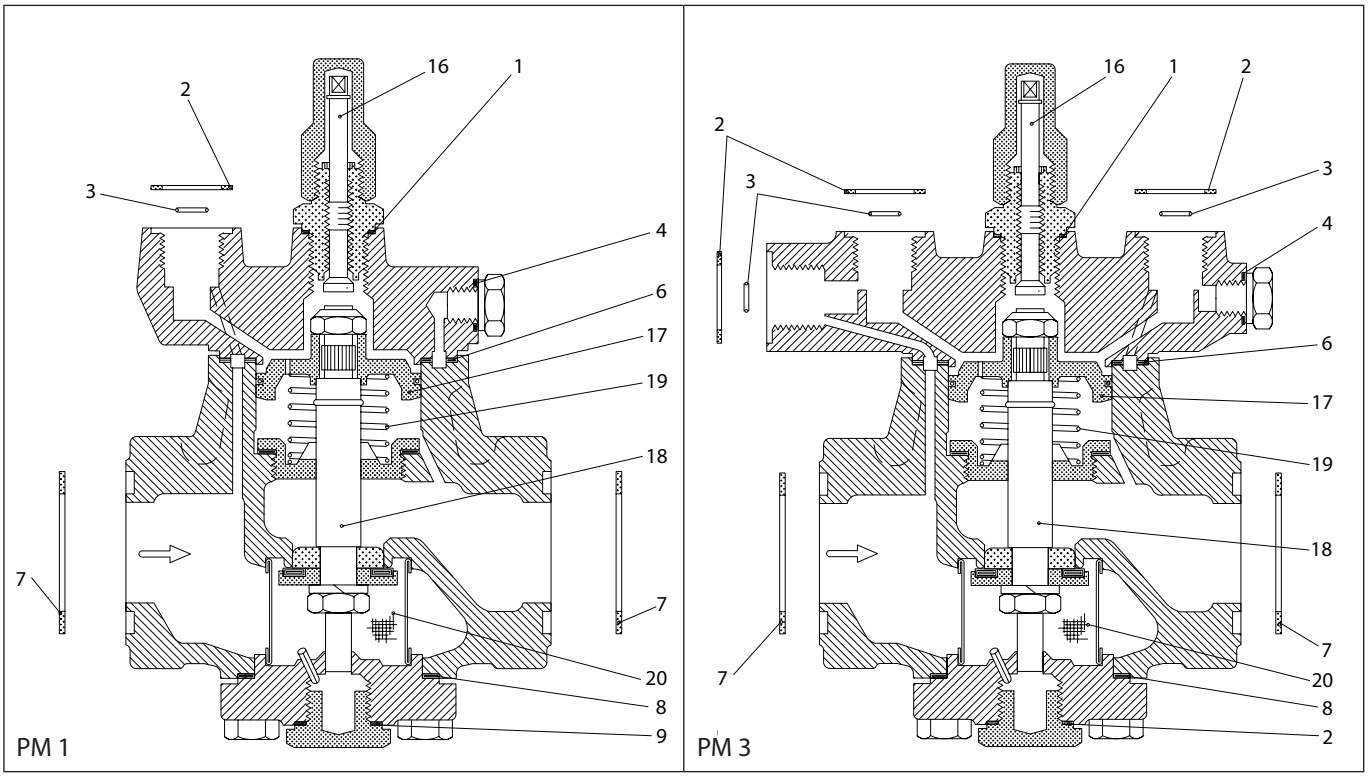
20



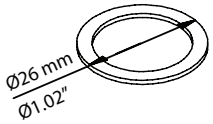
Total no. = 1

* The spare part is included in the package but is not used for PM 1 or PM 3 with standard cone.

Overhaul kit | Code number 027F3374
PM, size 40 - standard cone

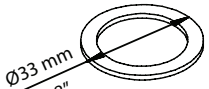


1 = Alu.



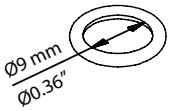
Total no. = 1

2 = Fibre



Total no. = 4

3



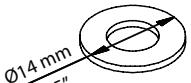
Total no. = 3

4 = Alu.



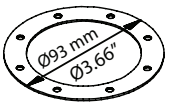
Total no. = 1

5* = Alu.



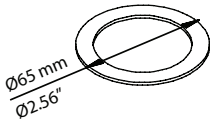
Total no. = 1

6 = Fibre



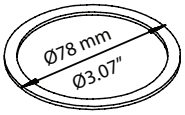
Total no. = 1

7 = Fibre



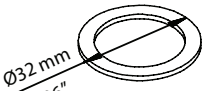
Total no. = 2

8 = Fibre



Total no. = 1

9 = Alu.



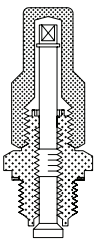
Total no. = 1

10* = Alu.

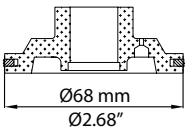


Total no. = 1

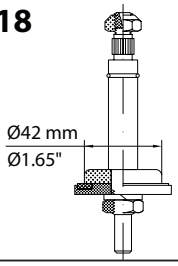
16



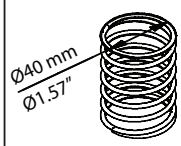
17



18

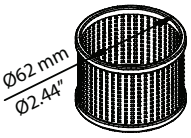


19



Total no. = 1

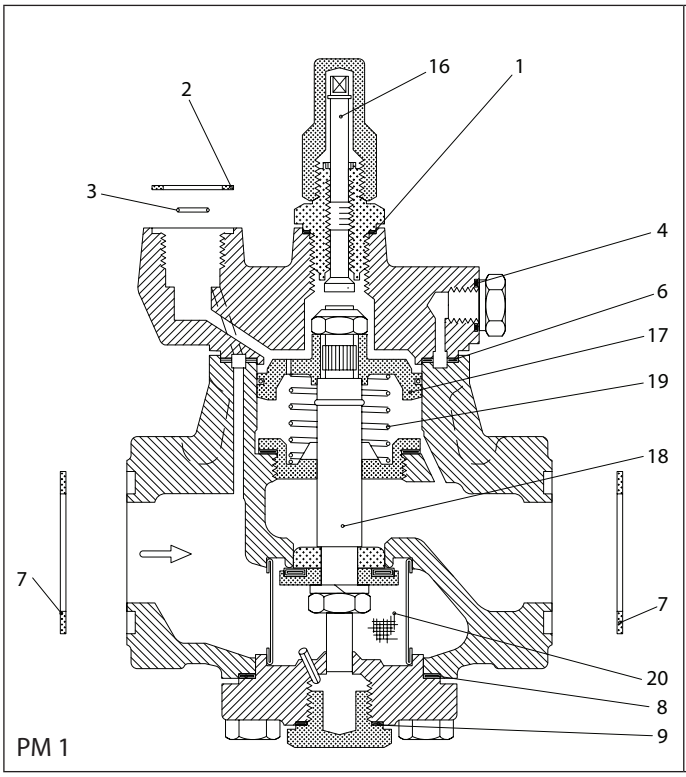
20



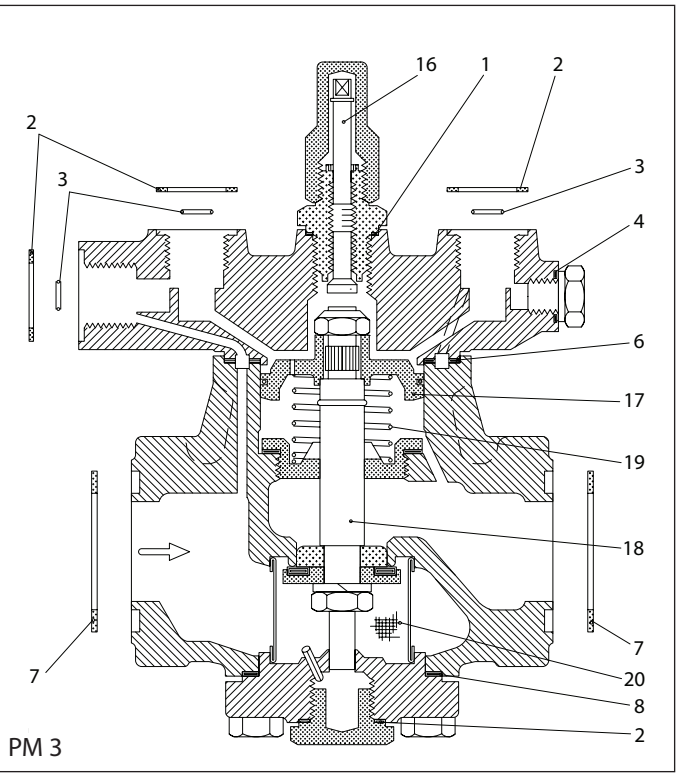
Total no. = 1

* The spare part is included in the package but is not used for PM 1 or PM 3 with standard cone.

Overhaul kit | Code number 027F3375
PM, size 50 - standard cone

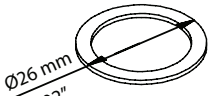


PM 1



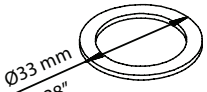
PM 3

1 = Alu.



Total no. = 1

2 = Fibre



Total no. = 4

3



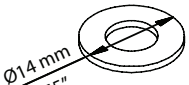
Total no. = 3

4 = Alu.



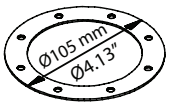
Total no. = 1

5* = Alu.



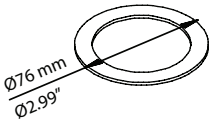
Total no. = 1

6 = Fibre



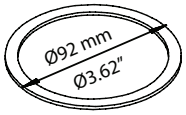
Total no. = 1

7 = Fibre



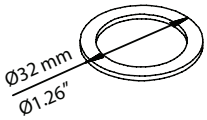
Total no. = 2

8 = Fibre



Total no. = 1

9 = Alu.



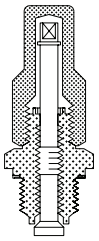
Total no. = 1

10* = Alu.

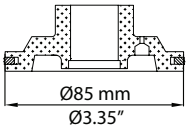


Total no. = 1

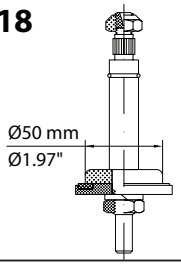
16



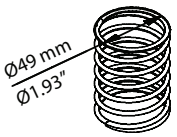
17



18

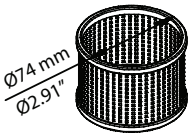


19



Total no. = 1

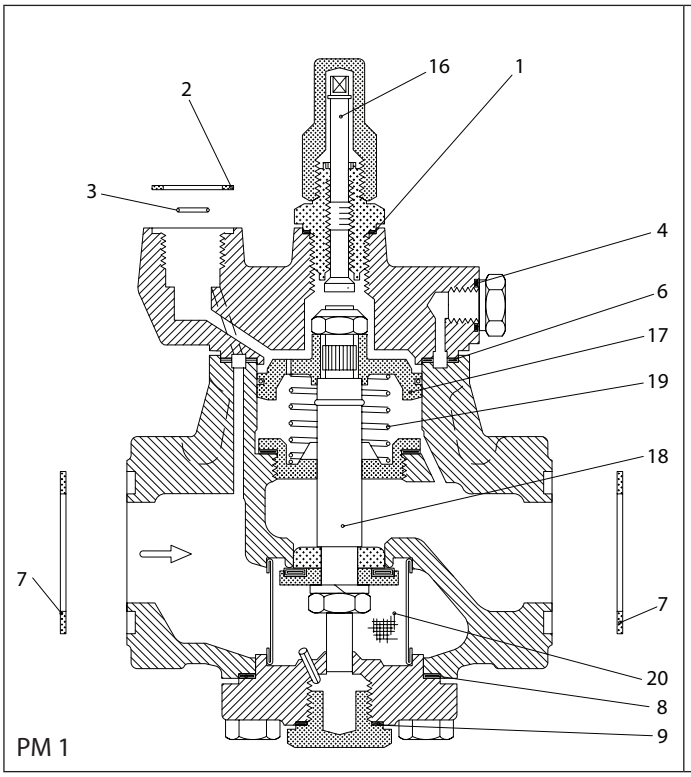
20



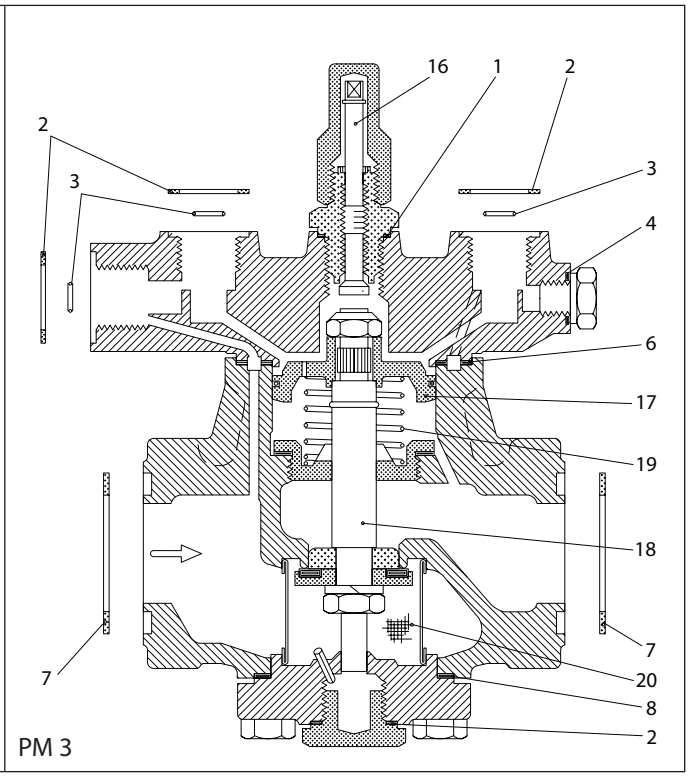
Total no. = 1

* The spare part is included in the package but is not used for PM 1 or PM 3 with standard cone.

Overhaul kit | Code number 027F3376
PM, size 65 - standard cone

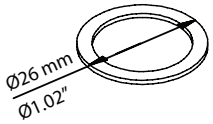


PM 1



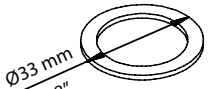
PM 3

1 = Alu.



Total no. = 1

2 = Fibre



Total no. = 4

3



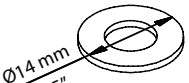
Total no. = 3

4 = Alu.



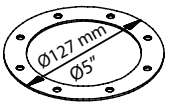
Total no. = 1

5* = Alu.



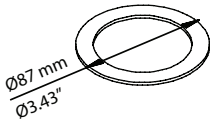
Total no. = 1

6 = Fibre



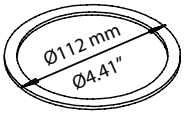
Total no. = 1

7 = Fibre



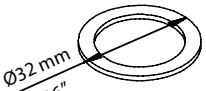
Total no. = 2

8 = Fibre



Total no. = 1

9 = Alu.



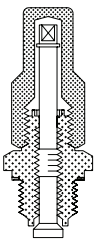
Total no. = 1

10* = Alu.

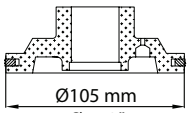


Total no. = 1

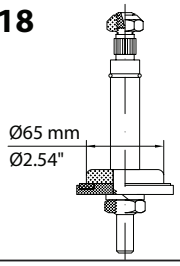
16



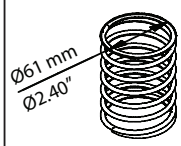
17



18

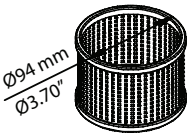


19



Total no. = 1

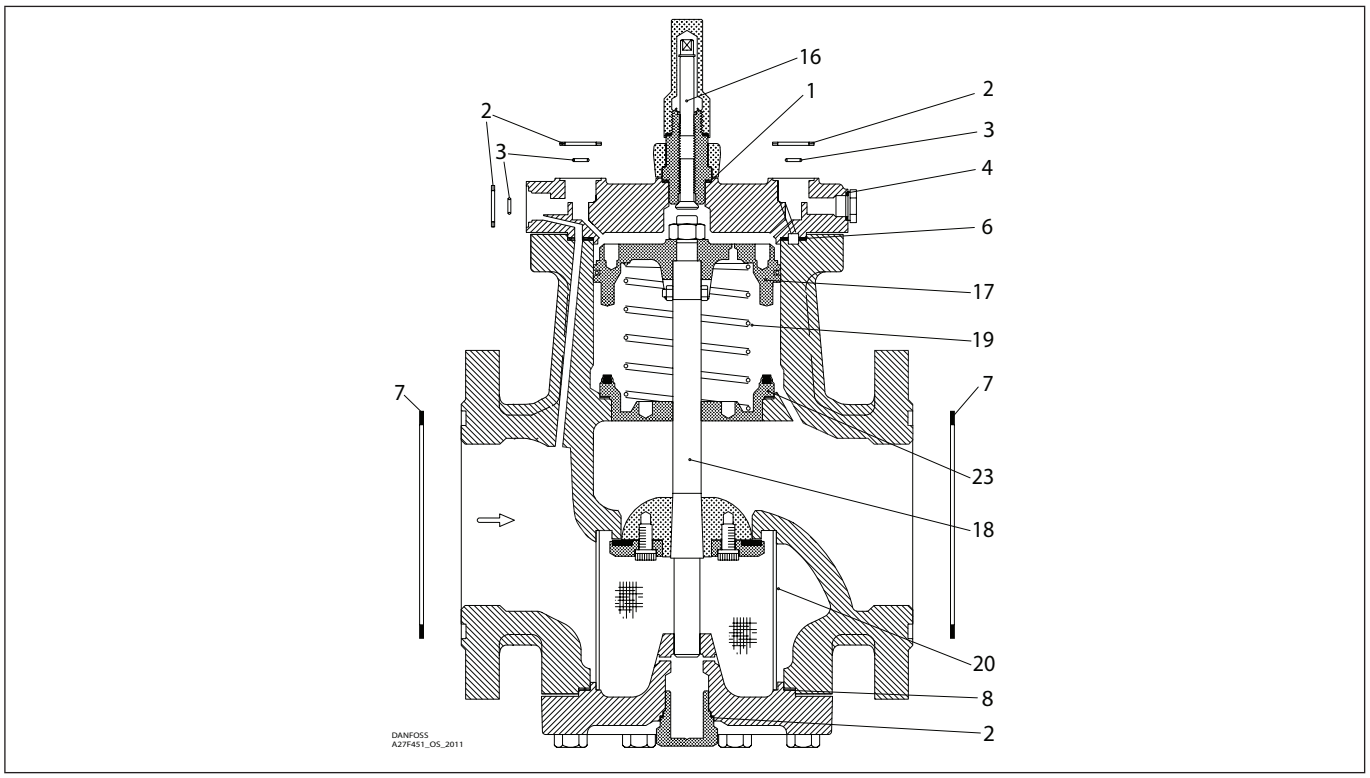
20



Total no. = 1

* The spare part is included in the package but is not used for PM 1 or PM 3 with standard cone.

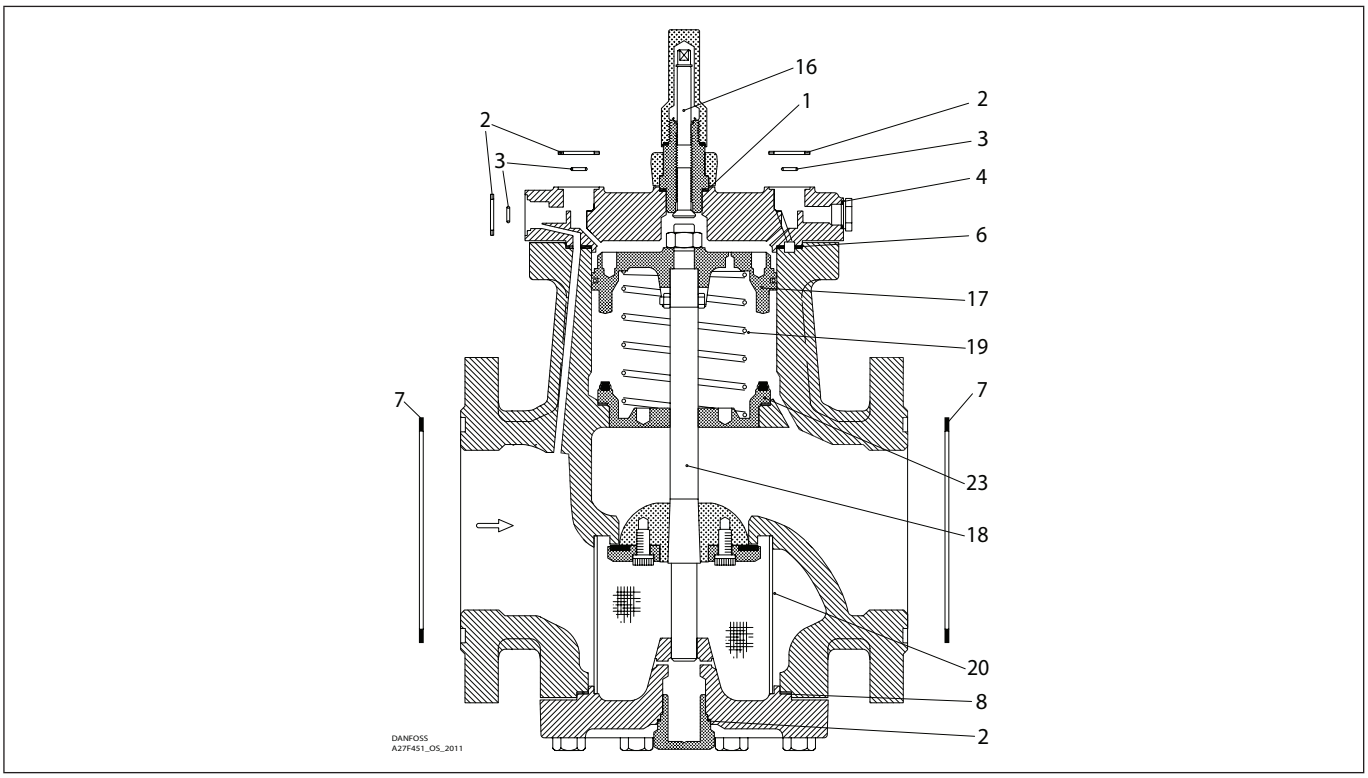
Overhaul kit | Code number 027F3377
PM, size 80 - standard cone



1** = Fibre Ø38 mm / Ø1.5" Total no. = 1	**2** = Fibre Ø33 mm / Ø1.28" Total no. = 4	**3** Ø9 mm / Ø0.36" Total no. = 3	**4** = Alu. Ø18 mm / Ø0.70" Total no. = 1	**5*** = Alu. Ø14 mm / Ø0.55" Total no. = 1	**6** = Fibre Ø154 mm / Ø6.06" Total no. = 1
7 = Fibre Ø149 mm / Ø5.87" Total no. = 2	**8** = Fibre Ø134 mm / Ø5.28" Total no. = 1	**9*** = Alu. Ø32 mm / Ø1.26" Total no. = 1	**10*** = Alu. Ø22 mm / Ø0.87" Total no. = 1	**16**	**17** Ø120 mm / Ø4.72"
18 265 mm / 10.44"	**19** Ø80 mm / Ø3.15" Total no. = 1	**20** Ø110 mm / Ø4.33" Total no. = 1	**23** Ø114 mm / Ø4.49"		

* The spare part is included in the package but is not used for PM size 80 with standard cone.
** Included in manual opening device.

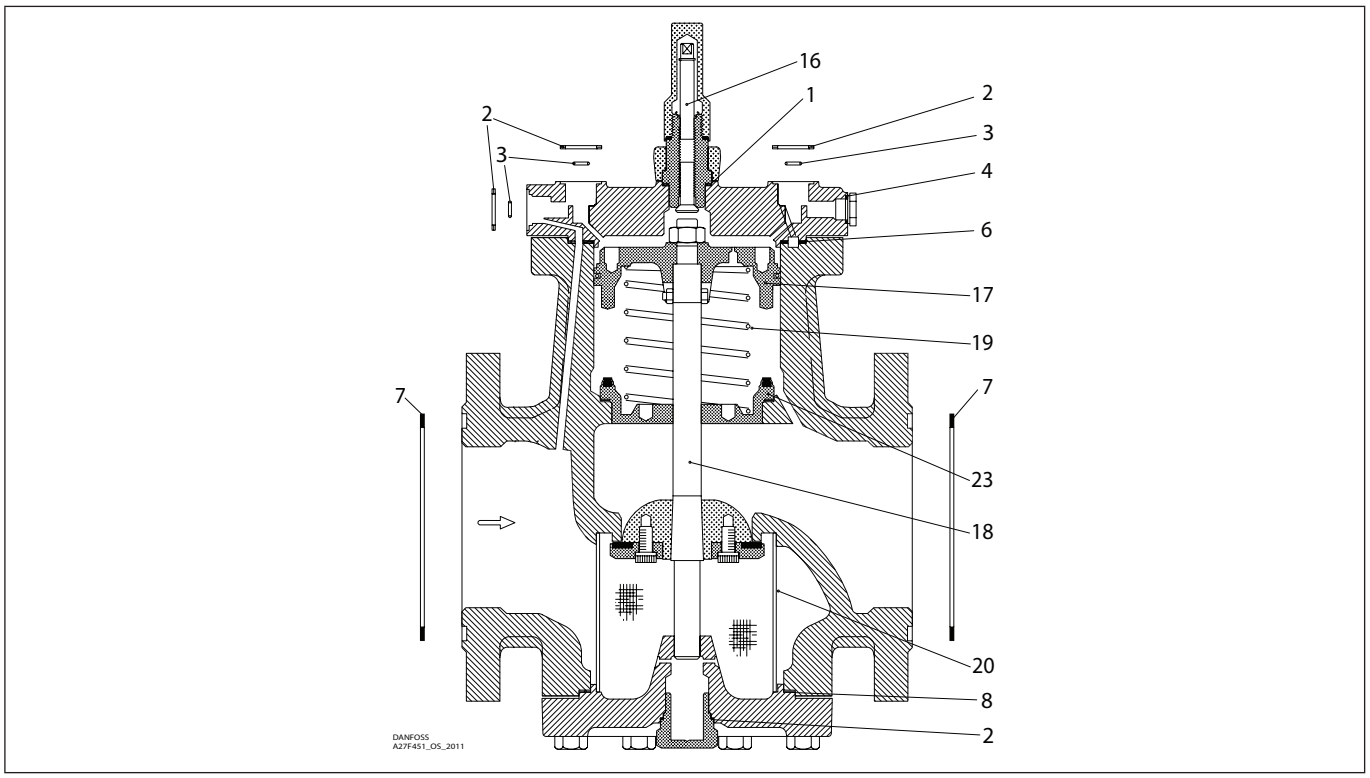
Overhaul kit | Code number 027F3378
PM, size 100 - standard cone



1** = Fibre Ø38 mm / Ø1.5" Total no. = 1	**2** = Fibre Ø33 mm / Ø1.28" Total no. = 4	**3** Ø9 mm / Ø0.36" Total no. = 3	**4** = Alu. Ø18 mm / Ø0.70" Total no. = 1	**5*** = Alu. Ø14 mm / Ø0.55" Total no. = 1	**6** = Fibre Ø185 mm / Ø7.28" Total no. = 1
7 = Fibre Ø175 mm / Ø6.89" Total no. = 2	**8** = Fibre Ø168 mm / Ø6.61" Total no. = 1	**9*** = Alu. Ø32 mm / Ø1.26" Total no. = 1	**10*** = Alu. Ø22 mm / Ø0.87" Total no. = 1	**16**	**17** Ø145 mm / Ø4.71"
18 307 mm / 12.09"	**19** Ø100 mm / Ø3.94" Total no. = 1	**20** Ø141 mm / Ø4.33" Total no. = 1	**23** Ø135 mm / Ø5.31"		

* The spare part is included in the package but is not used for PM size 100 with standard cone.
** Included in manual opening device.

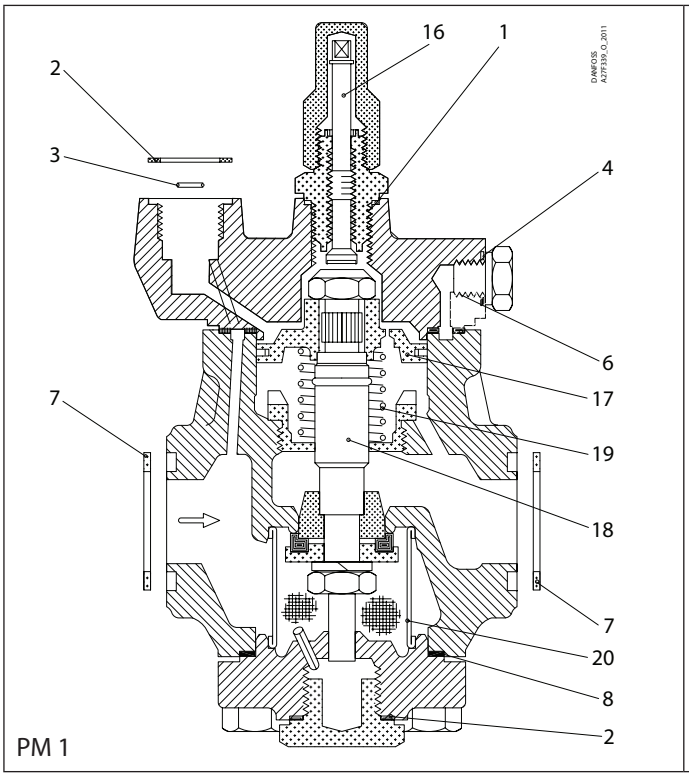
Overhaul kit | Code number 027F3379
PM, size 125 - standard cone



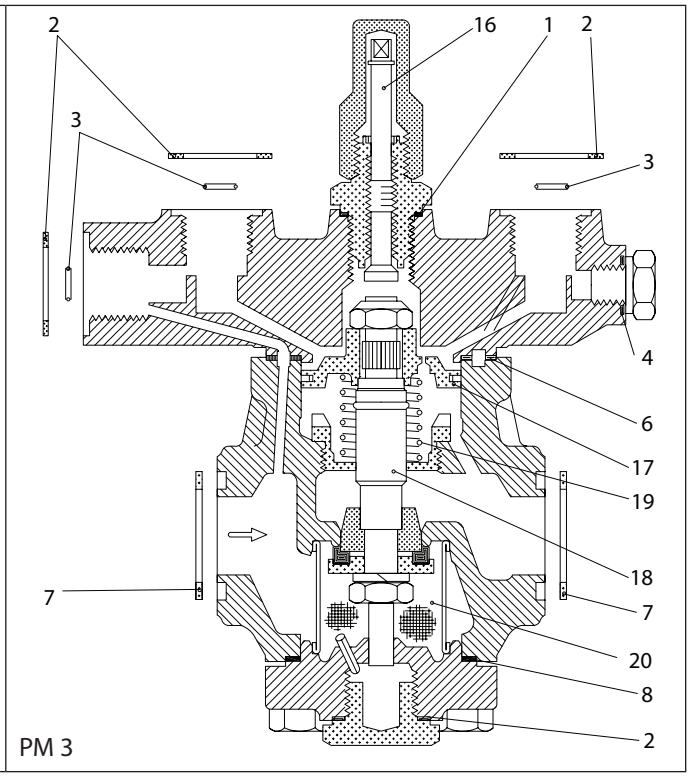
1** = Fibre Ø38 mm Ø1.5" Total no. = 1	**2** = Fibre Ø33 mm Ø1.28" Total no. = 4	**3** Ø9 mm Ø0.36" Total no. = 3	**4** = Alu. Ø18 mm Ø0.70" Total no. = 1	**5*** = Alu. Ø14 mm Ø0.55" Total no. = 1	**6** = Fibre Ø221 mm Ø8.7" Total no. = 1
7 = Fibre Ø203 mm Ø7.99" Total no. = 2	**8** = Fibre Ø196 mm Ø7.72" Total no. = 1	**9*** = Alu. Ø32 mm Ø1.26" Total no. = 1	**10*** = Alu. Ø22 mm Ø0.87" Total no. = 1	**16**	**17** Ø175 mm Ø6.89"
18 386 mm 15.21"	**19** Ø125 mm Ø4.92" Total no. = 1	**20** Ø165 mm Ø6.5" Total no. = 1	**23** Ø160 mm Ø6.3"		

* The spare part is included in the package but is not used for PM size 125 with standard cone.
** Included in manual opening device.

Overhaul kit | Code number 027F3380
PM, size 5

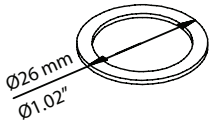


PM 1



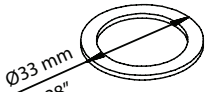
PM 3

1 = Alu.



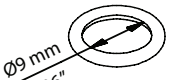
Total no. = 1

2 = Fibre



Total no. = 4

3



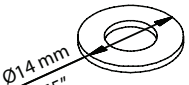
Total no. = 3

4 = Alu.



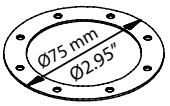
Total no. = 1

5* = Alu.



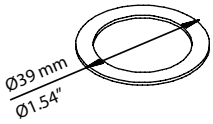
Total no. = 1

6 = Fibre



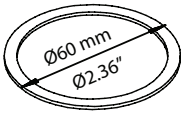
Total no. = 1

7 = Fibre



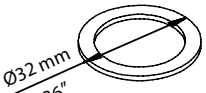
Total no. = 2

8 = Fibre



Total no. = 1

9* = Alu.



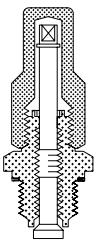
Total no. = 1

10* = Alu.

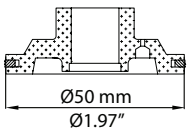


Total no. = 1

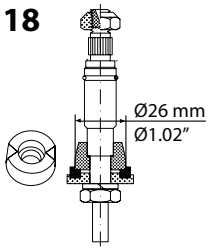
16



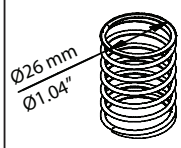
17



18

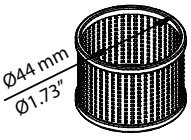


19



Total no. = 1

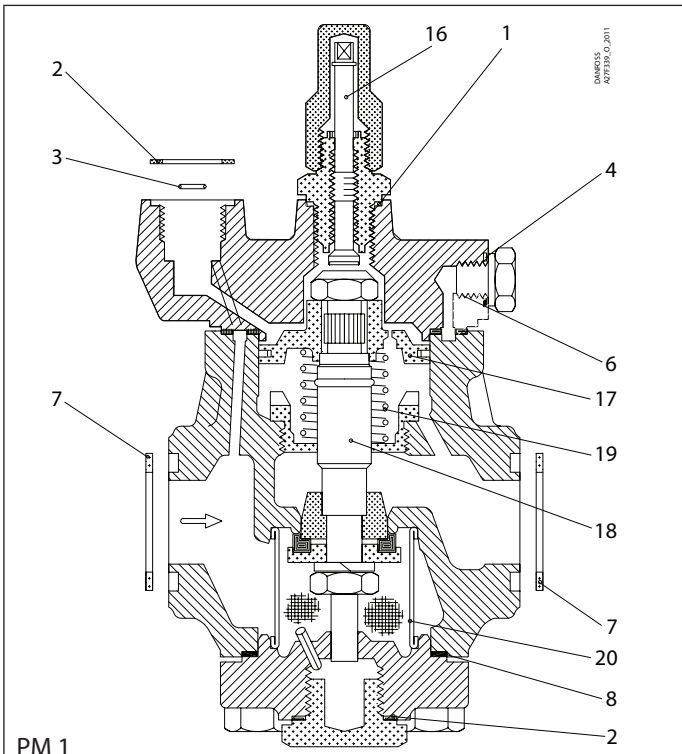
20



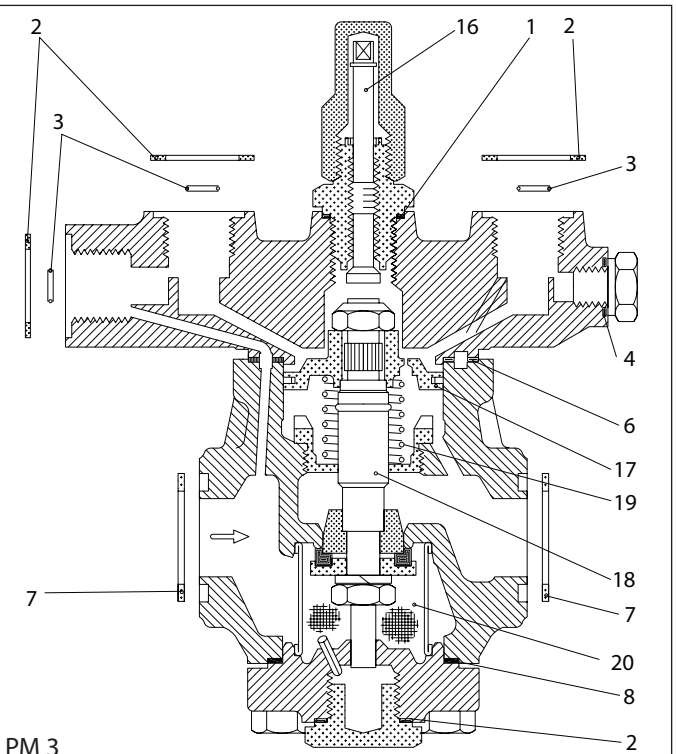
Total no. = 1

* The spare part is included in the package but is not used for PM 1 or PM 3..

Overhaul kit | Code number 027F3381
PM, size 10

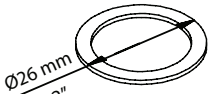


PM 1



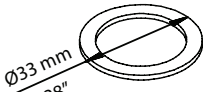
PM 3

1 = Alu.



Total no. = 1

2 = Fibre



Total no. = 4

3



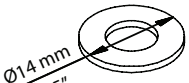
Total no. = 3

4 = Alu.



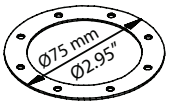
Total no. = 1

5* = Alu.



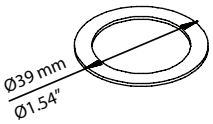
Total no. = 1

6 = Fibre



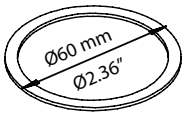
Total no. = 1

7 = Fibre



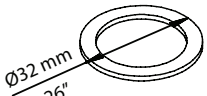
Total no. = 2

8 = Fibre



Total no. = 1

9* = Alu.



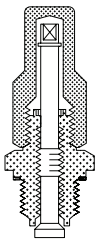
Total no. = 1

10* = Alu.

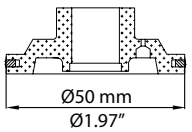


Total no. = 1

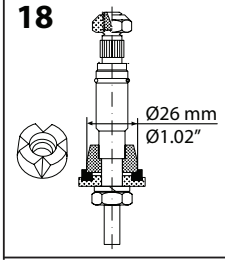
16



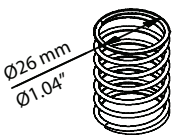
17



18

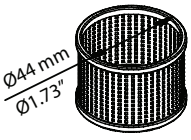


19



Total no. = 1

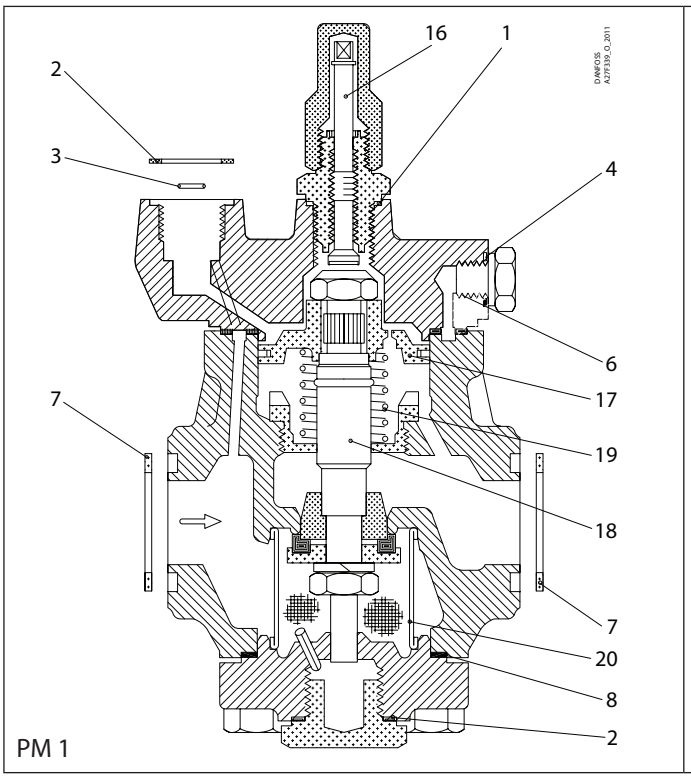
20



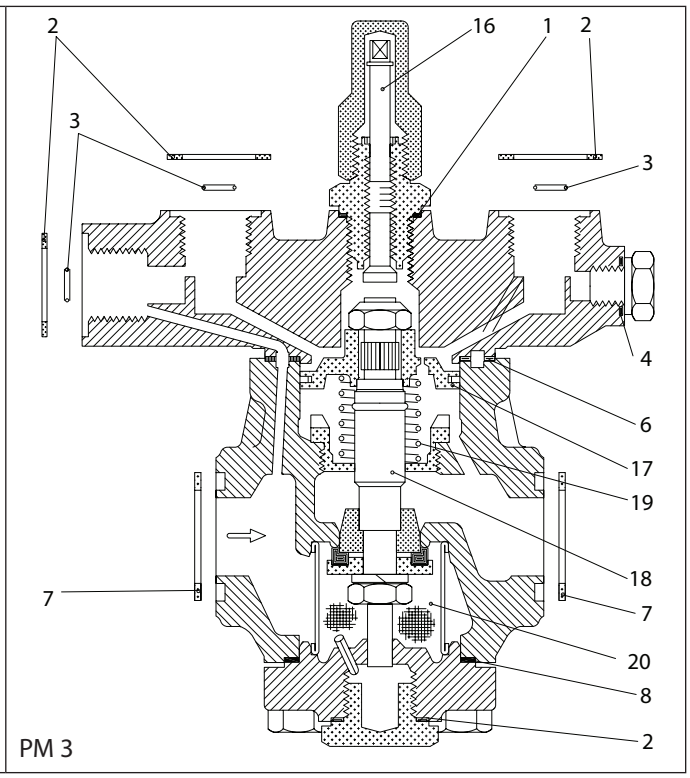
Total no. = 1

* The spare part is included in the package but is not used for PM 1 or PM 3..

Overhaul kit | Code number 027F3382
PM, size 15

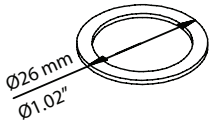


PM 1



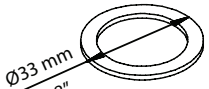
PM 3

1 = Alu.



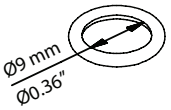
Total no. = 1

2 = Fibre



Total no. = 4

3



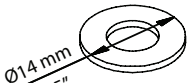
Total no. = 3

4 = Alu.



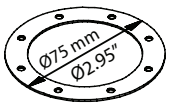
Total no. = 1

5* = Alu.



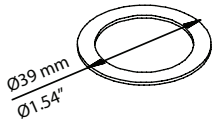
Total no. = 1

6 = Fibre



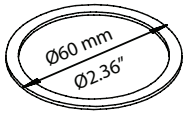
Total no. = 1

7 = Fibre



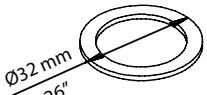
Total no. = 2

8 = Fibre



Total no. = 1

9* = Alu.



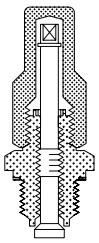
Total no. = 1

10* = Alu.

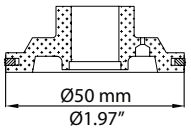


Total no. = 1

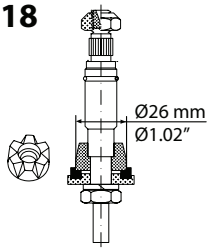
16



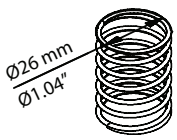
17



18

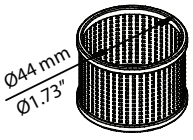


19



Total no. = 1

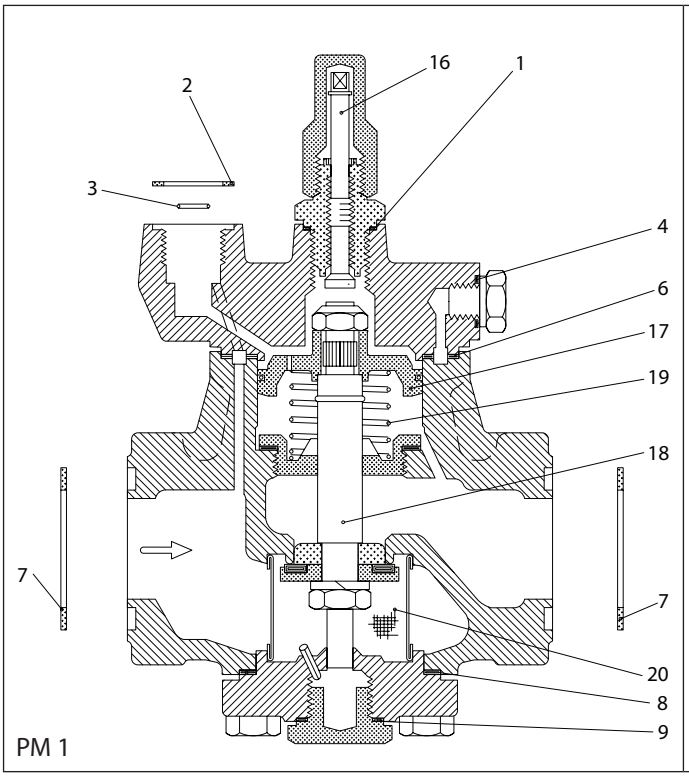
20



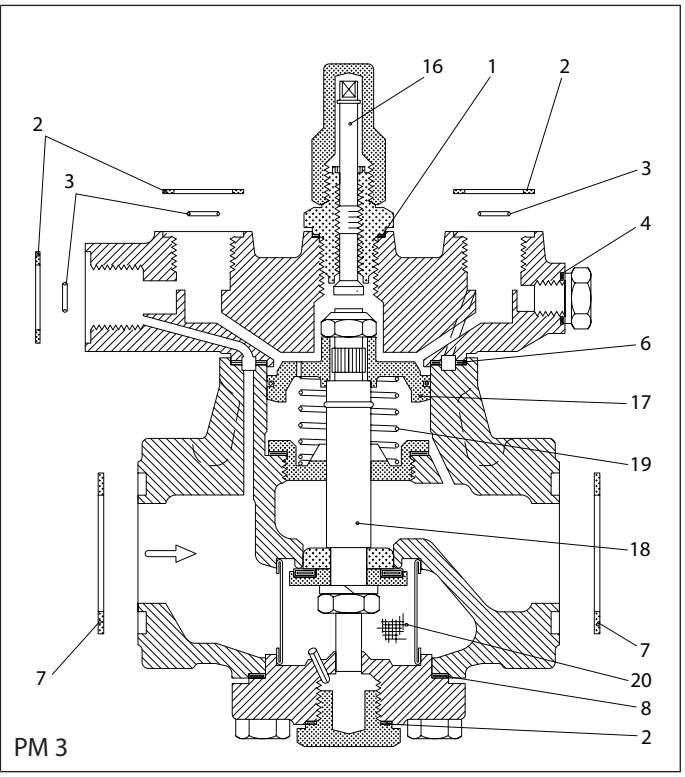
Total no. = 1

* The spare part is included in the package but is not used for PM 1 or PM 3..

Overhaul kit | Code number 027F3383
PM, size 32 V-cone

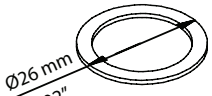


PM 1



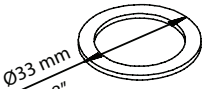
PM 3

1 = Alu.



Total no. = 1

2 = Fibre



Total no. = 4

3



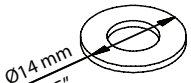
Total no. = 3

4 = Alu.



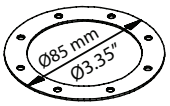
Total no. = 1

5* = Alu.



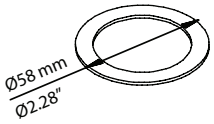
Total no. = 1

6 = Fibre



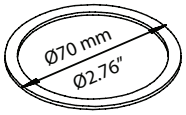
Total no. = 1

7 = Fibre



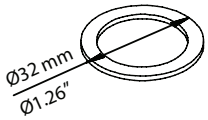
Total no. = 2

8 = Fibre



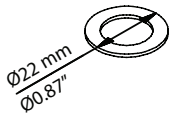
Total no. = 1

9 = Alu.



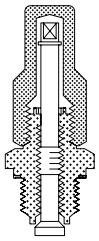
Total no. = 1

10* = Alu.

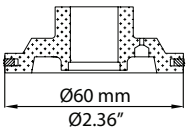


Total no. = 1

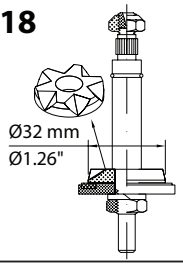
16



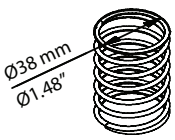
17



18

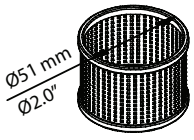


19



Total no. = 1

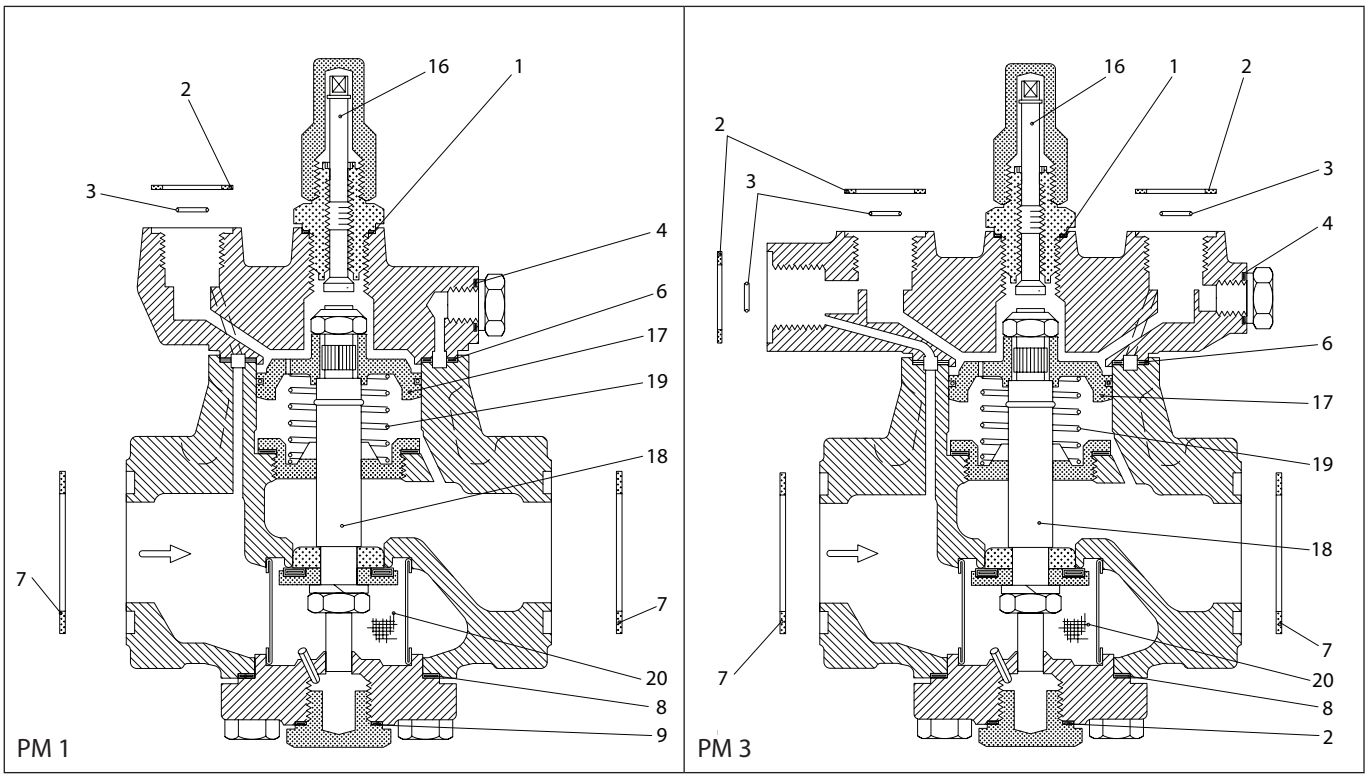
20



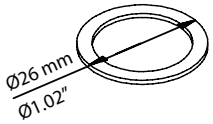
Total no. = 1

* The spare part is included in the package but is not used for PM 1 or PM 3 with V-cone.

Overhaul kit | Code number 027F3384
PM, size 40 V-cone

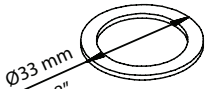


1 = Alu.



Total no. = 1

2 = Fibre



Total no. = 4

3



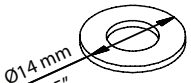
Total no. = 3

4 = Alu.



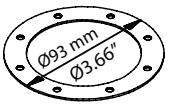
Total no. = 1

5* = Alu.



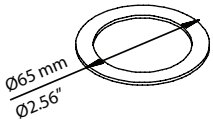
Total no. = 1

6 = Fibre



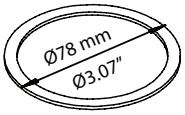
Total no. = 1

7 = Fibre



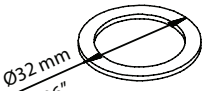
Total no. = 2

8 = Fibre



Total no. = 1

9 = Alu.



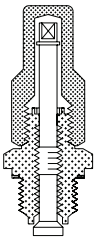
Total no. = 1

10* = Alu.

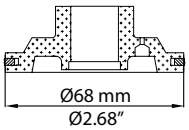


Total no. = 1

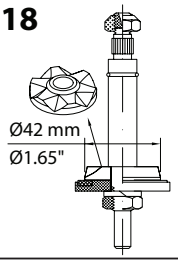
16



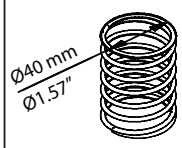
17



18

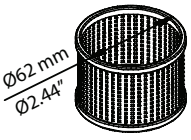


19



Total no. = 1

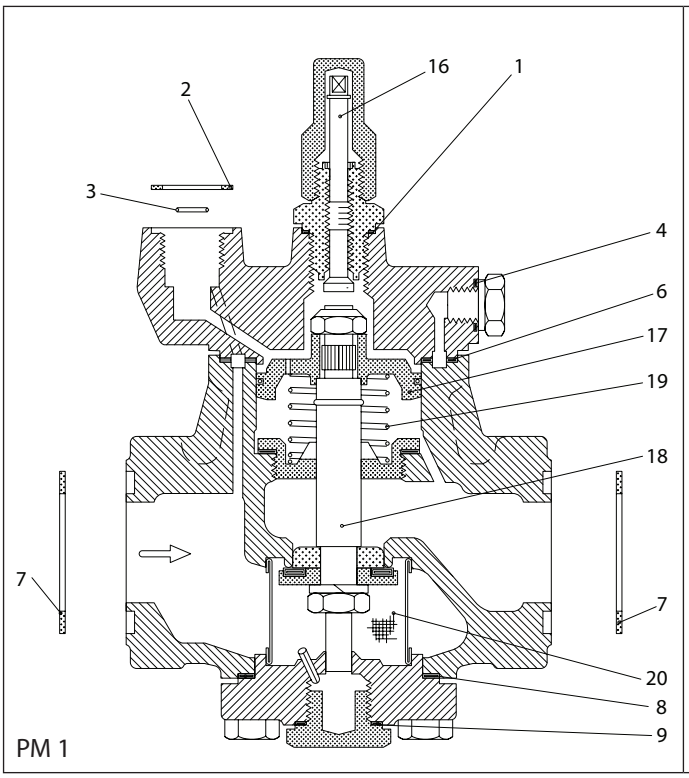
20



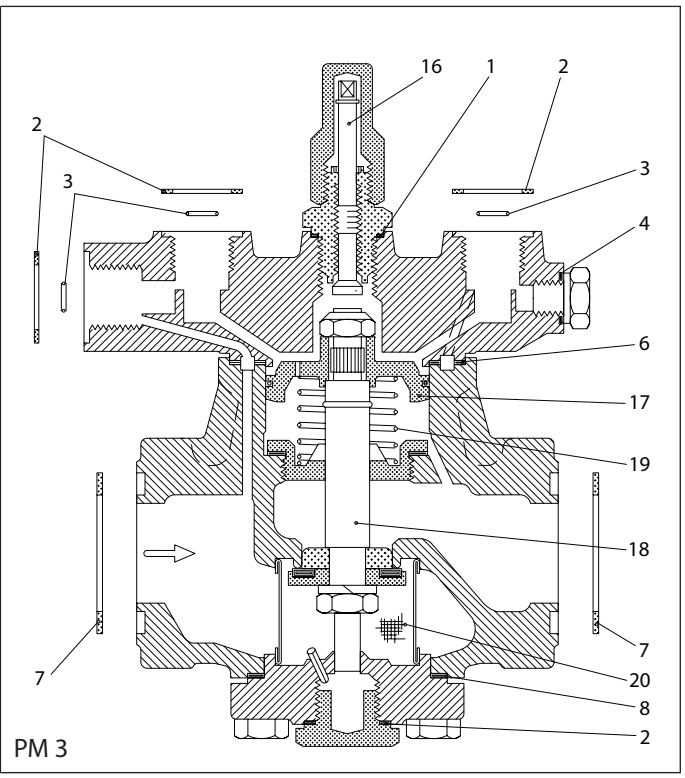
Total no. = 1

* The spare part is included in the package but is not used for PM 1 or PM 3 with V-cone.

Overhaul kit | Code number 027F3385
PM, size 50 V-cone

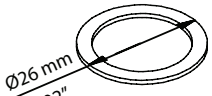


PM 1



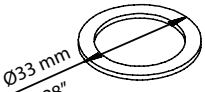
PM 3

1 = Alu.



Total no. = 1

2 = Fibre



Total no. = 4

3



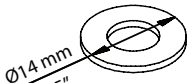
Total no. = 3

4 = Alu.



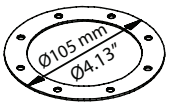
Total no. = 1

5* = Alu.



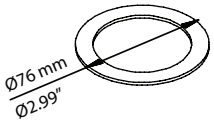
Total no. = 1

6 = Fibre



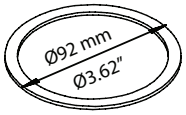
Total no. = 1

7 = Fibre



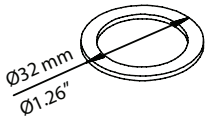
Total no. = 2

8 = Fibre



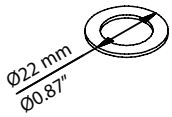
Total no. = 1

9 = Alu.



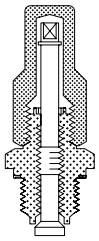
Total no. = 1

10* = Alu.

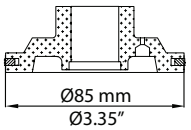


Total no. = 1

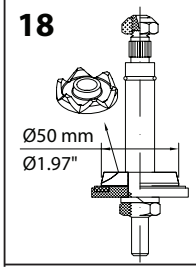
16



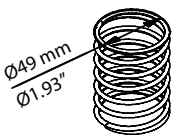
17



18

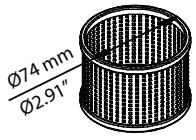


19



Total no. = 1

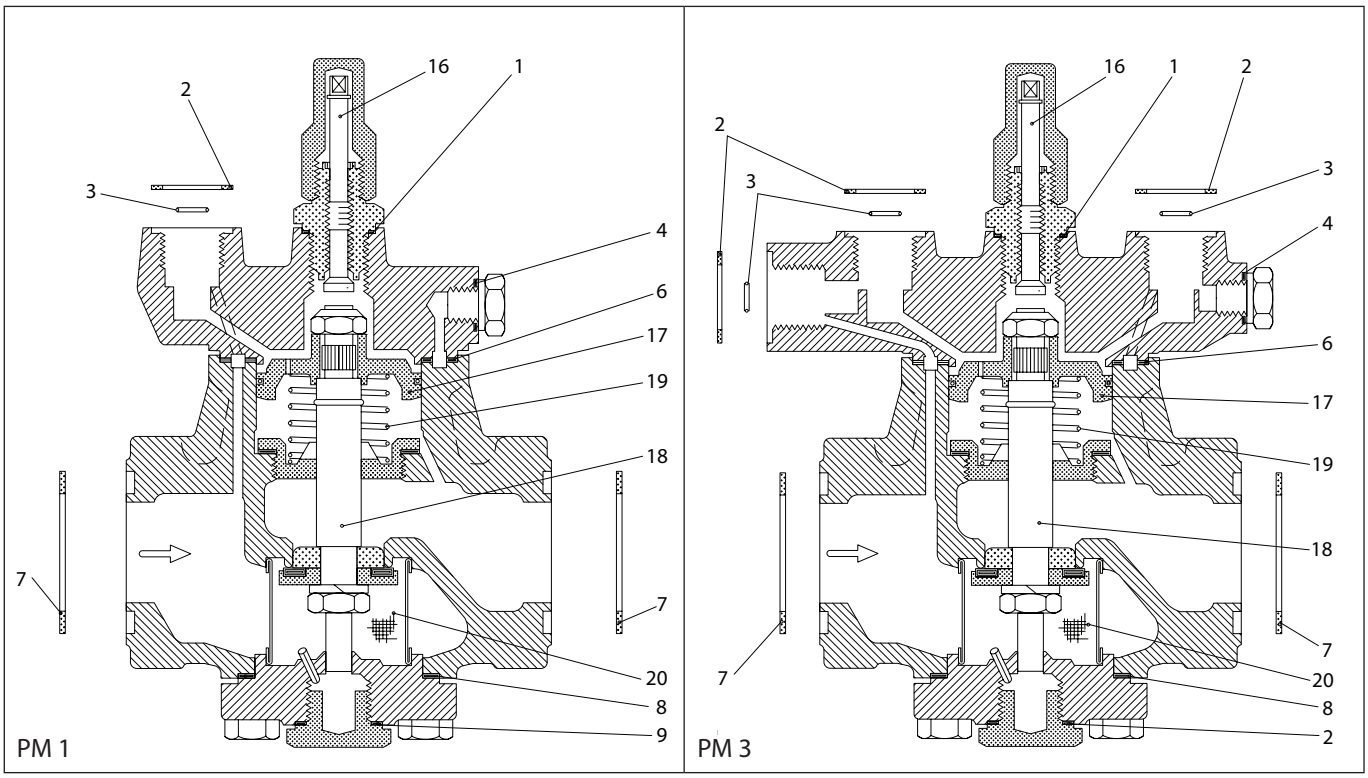
20



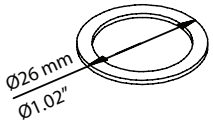
Total no. = 1

* The spare part is included in the package but is not used for PM 1 or PM 3 with V-cone.

Overhaul kit | Code number 027F3386
PM, size 65 V-cone

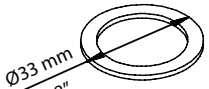


1 = Alu.



Total no. = 1

2 = Fibre



Total no. = 4

3



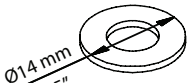
Total no. = 3

4 = Alu.



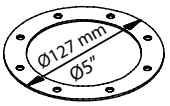
Total no. = 1

5* = Alu.



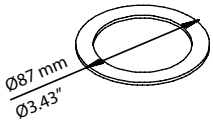
Total no. = 1

6 = Fibre



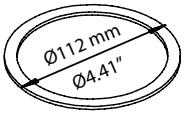
Total no. = 1

7 = Fibre



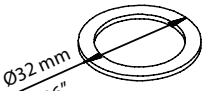
Total no. = 2

8 = Fibre



Total no. = 1

9 = Alu.



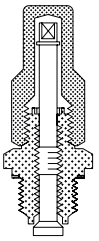
Total no. = 1

10* = Alu.

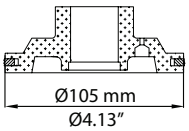


Total no. = 1

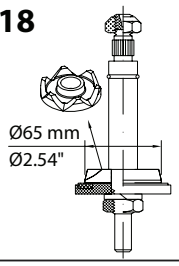
16



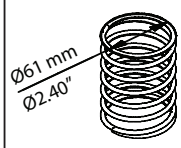
17



18

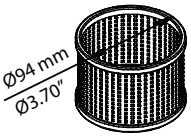


19



Total no. = 1

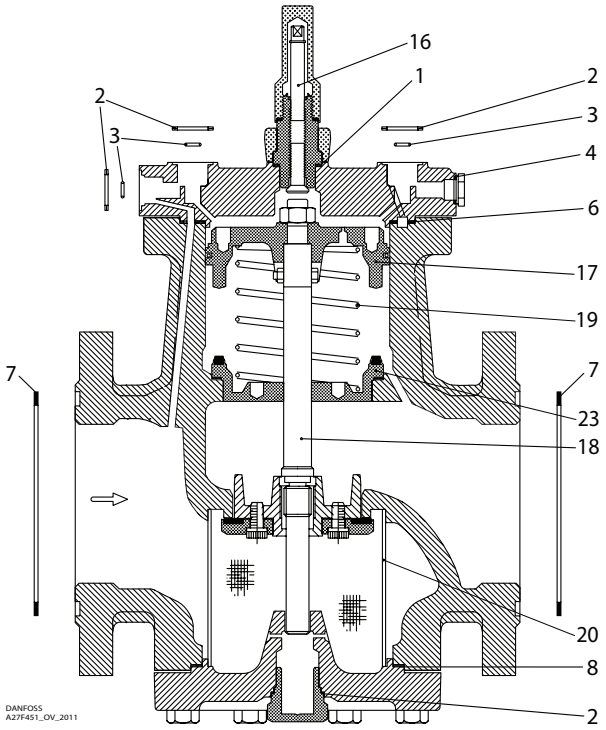
20



Total no. = 1

* The spare part is included in the package but is not used for PM 1 or PM 3 with V-cone.

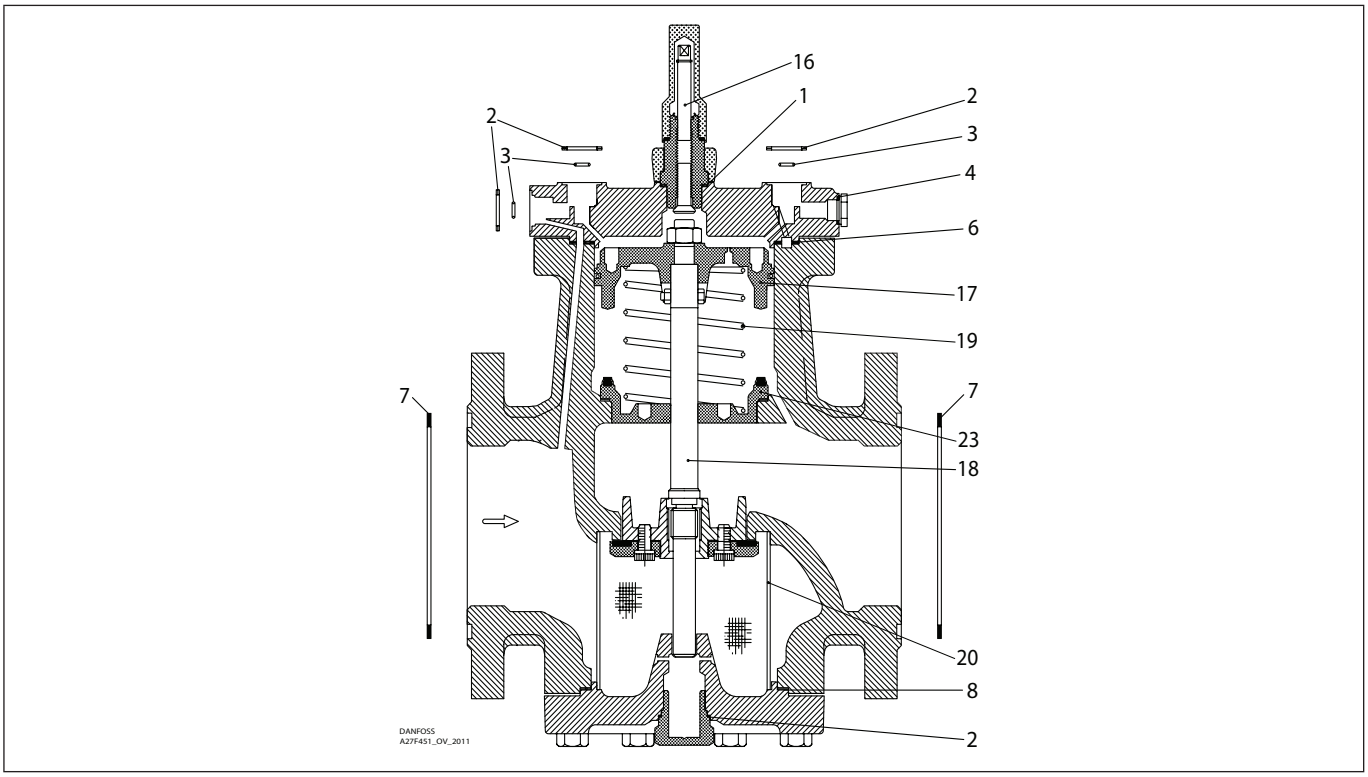
Overhaul kit | Code number 027F3387
PM, size 80 - V-cone



1** = Fibre Ø38 mm / Ø1.5" Total no. = 1	**2** = Fibre Ø33 mm / Ø1.28" Total no. = 4	**3** Ø9 mm / Ø0.36" Total no. = 3	**4** = Alu. Ø18 mm / Ø0.70" Total no. = 1	**5*** = Alu. Ø14 mm / Ø0.55" Total no. = 1	**6** = Fibre Ø154 mm / Ø6.06" Total no. = 1
7 = Fibre Ø149 mm / Ø5.87" Total no. = 2	**8** = Fibre Ø134 mm / Ø5.28" Total no. = 1	**9*** = Alu. Ø32 mm / Ø1.26" Total no. = 1	**10*** = Alu. Ø22 mm / Ø0.87" Total no. = 1	**16**	**17** Ø120 mm / Ø4.72"
18 265 mm / 10.44"	**19** Ø80 mm / Ø3.15" Total no. = 1	**20** Ø110 mm / Ø4.33" Total no. = 1	**23** Ø114 mm / Ø4.49"		

* The spare part is included in the package but is not used for PM size 80 with V-cone.
** Included in manual opening device.

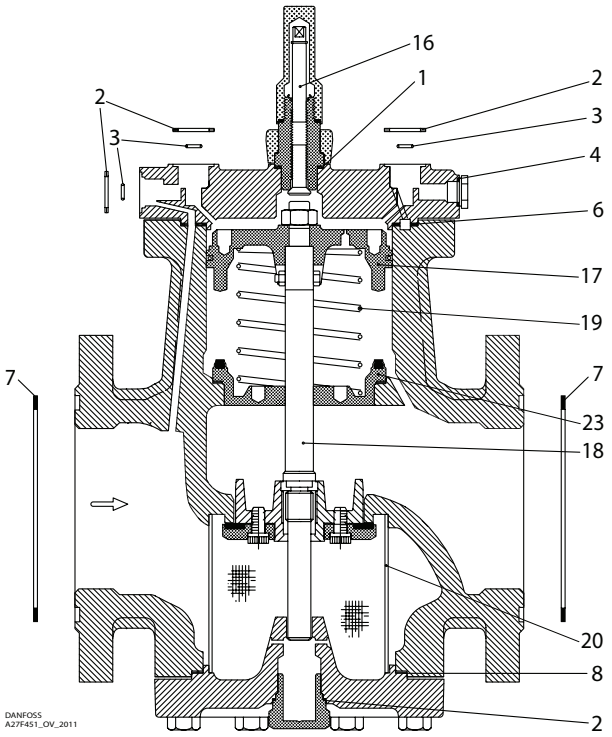
Overhaul kit | Code number 027F3388
PM, size 100 - V-cone



1** = Fibre Ø38 mm / Ø1.5" Total no. = 1	**2** = Fibre Ø33 mm / Ø1.28" Total no. = 4	**3** Ø9 mm / Ø0.36" Total no. = 3	**4** = Alu. Ø18 mm / Ø0.70" Total no. = 1	**5*** = Alu. Ø14 mm / Ø0.55" Total no. = 1	**6** = Fibre Ø185 mm / Ø7.28" Total no. = 1
7 = Fibre Ø175 mm / Ø6.89" Total no. = 2	**8** = Fibre Ø168 mm / Ø6.61" Total no. = 1	**9*** = Alu. Ø32 mm / Ø1.26" Total no. = 1	**10*** = Alu. Ø22 mm / Ø0.87" Total no. = 1	**16**	**17** Ø145 mm / Ø4.71"
18 307 mm / 12.09"	**19** Ø100 mm / Ø3.94" Total no. = 1	**20** Ø141 mm / Ø4.33" Total no. = 1	**23** Ø135 mm / Ø5.31"		

* The spare part is included in the package but is not used for PM size 100 with V-cone.
** Included in manual opening device.

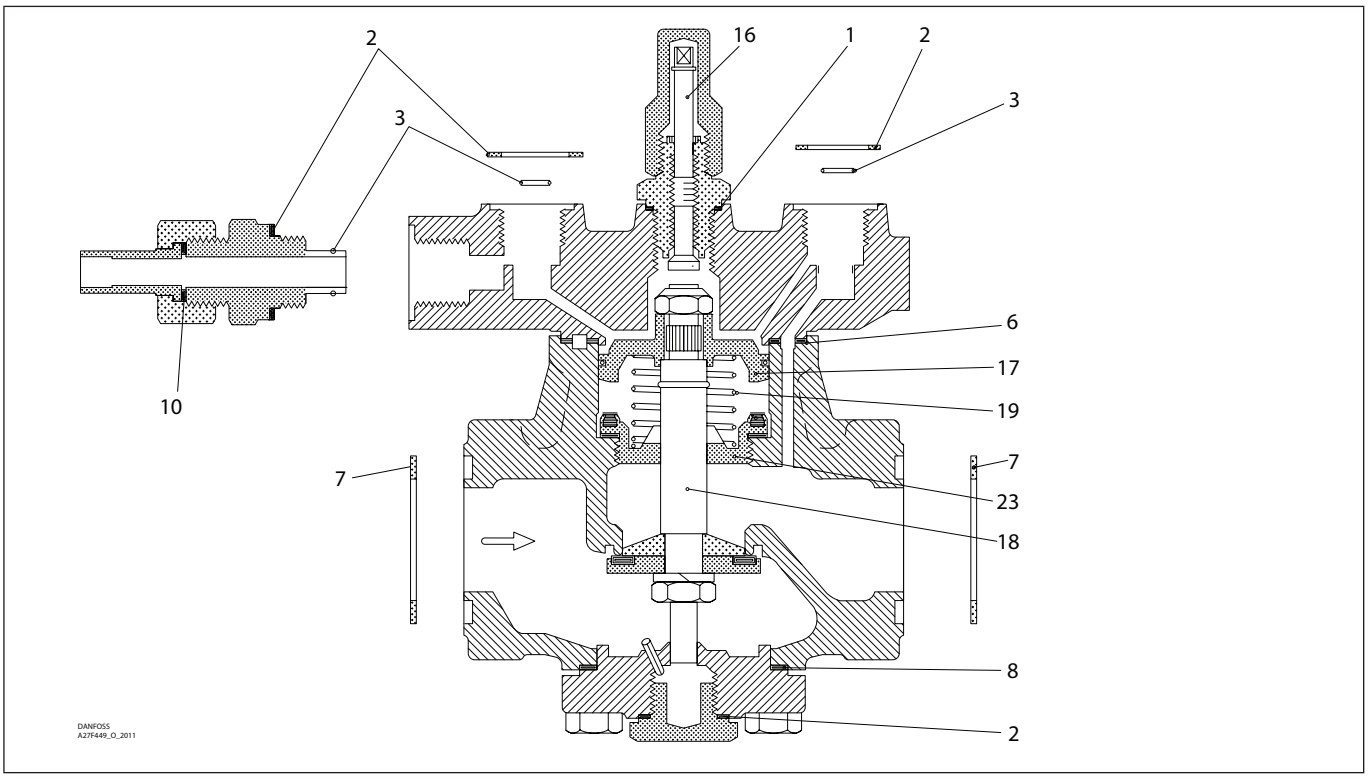
Overhaul kit | Code number 027F3389
PM, size 125 - V-cone



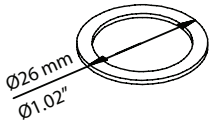
1** = Fibre Ø38 mm Ø1.5" Total no. = 1	**2** = Fibre Ø33 mm Ø1.28" Total no. = 4	**3** Ø9 mm Ø0.36" Total no. = 3	**4** = Alu. Ø18 mm Ø0.70" Total no. = 1	**5*** = Alu. Ø14 mm Ø0.55" Total no. = 1	**6** = Fibre Ø221 mm Ø8.7" Total no. = 1
7 = Fibre Ø203 mm Ø7.99" Total no. = 2	**8** = Fibre Ø196 mm Ø7.72" Total no. = 1	**9*** = Alu. Ø32 mm Ø1.26" Total no. = 1	**10*** = Alu. Ø22 mm Ø0.87" Total no. = 1	**16**	**17** Ø175 mm Ø6.89"
18 386 mm 15.21"	**19** Ø125 mm Ø4.92" Total no. = 1	**20** Ø165 mm Ø6.5" Total no. = 1	**23** Ø160 mm Ø6.3"		

* The spare part is included in the package but is not used for PM size 125 with V-cone.
** Included in manual opening device.

Overhaul kit | Code number 027F0556
PML, size 32

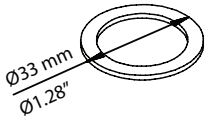


1 = Alu.



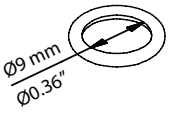
Total no. = 1

2 = Fibre



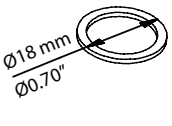
Total no. = 4

3



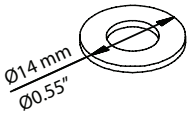
Total no. = 3

4* = Alu.



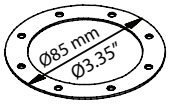
Total no. = 1

5* = Alu.



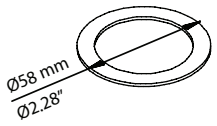
Total no. = 1

6 = Fibre



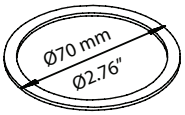
Total no. = 1

7 = Fibre



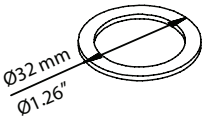
Total no. = 2

8 = Fibre



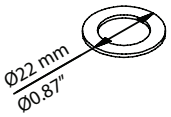
Total no. = 1

9* = Alu.



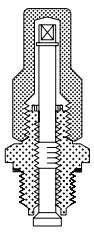
Total no. = 1

10 = Alu.

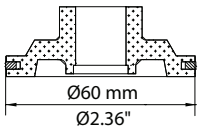


Total no. = 1

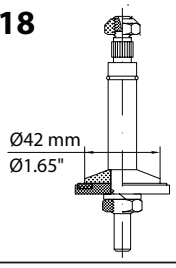
16



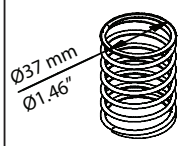
17



18

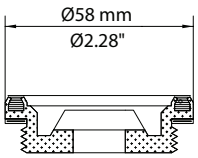


19



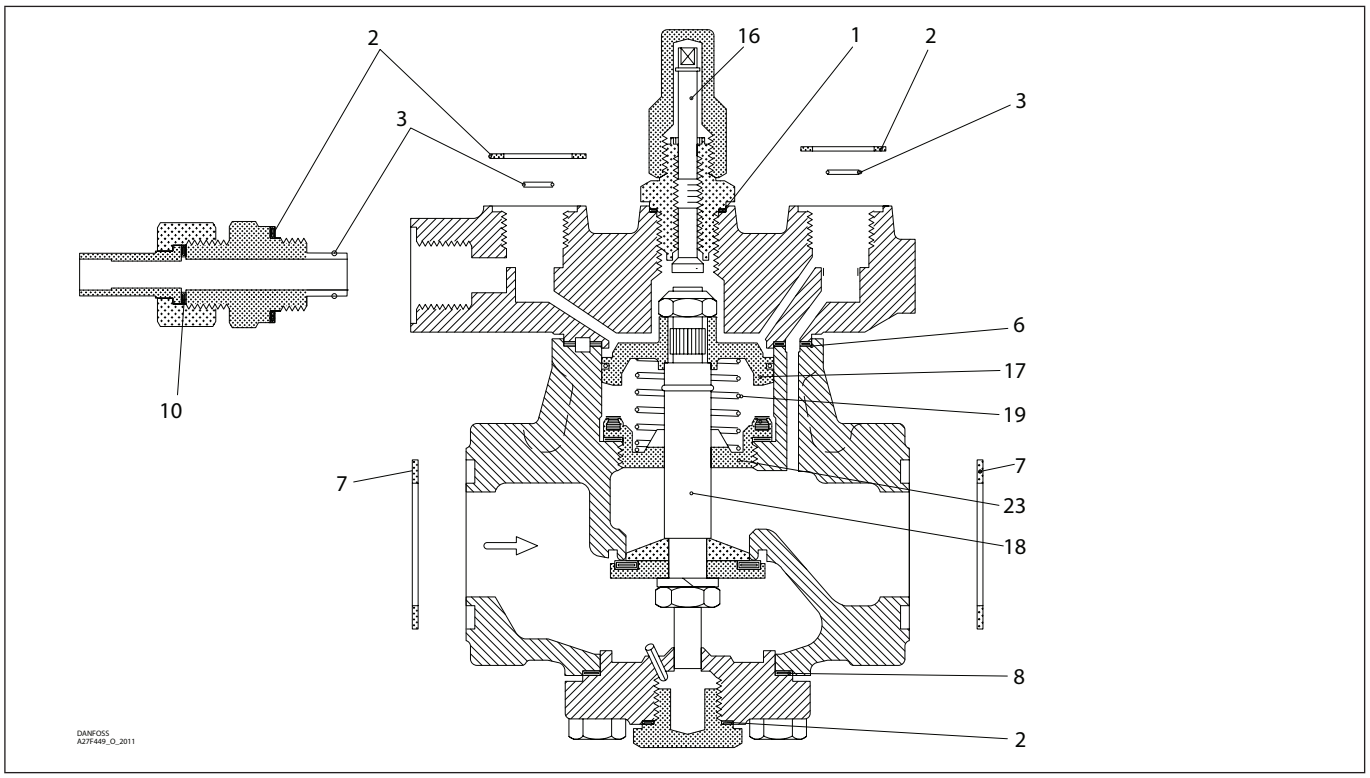
Total no. = 1

23



* The spare part is included in the package but is not used for PML size 32.

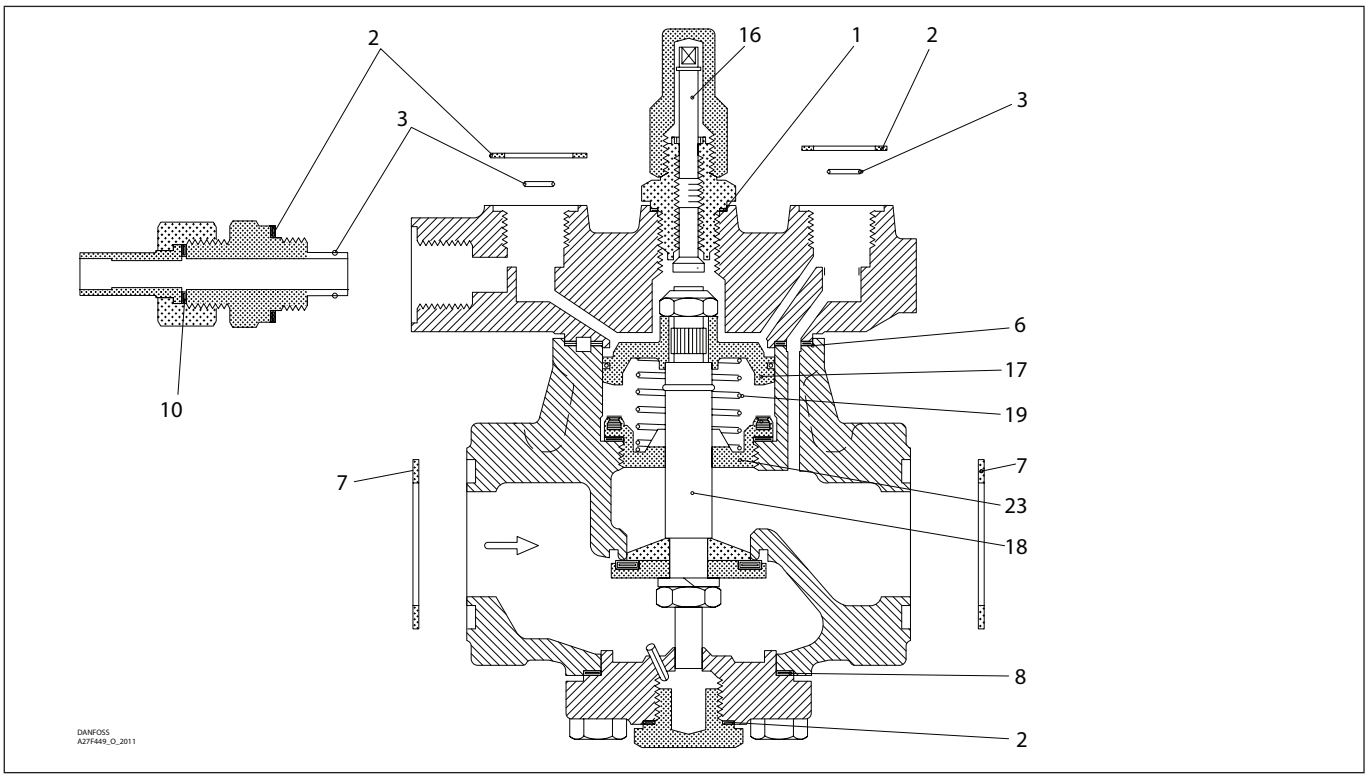
Overhaul kit | Code number 027F0557
PML, size 40



1 = Alu. Ø26 mm Ø1.02" Total no. = 1	**2** = Fibre Ø33 mm Ø1.28" Total no. = 4	**3** Ø9 mm Ø0.36" Total no. = 3	**4*** = Alu. Ø18 mm Ø0.70" Total no. = 1	**5*** = Alu. Ø14 mm Ø0.55" Total no. = 1	**6** = Fibre Ø93 mm Ø3.66" Total no. = 1
7 = Fibre Ø65 mm Ø2.56" Total no. = 2	**8** = Fibre Ø78 mm Ø3.07" Total no. = 1	**9*** = Alu. Ø32 mm Ø1.26" Total no. = 1	**10** = Alu. Ø22 mm Ø0.87" Total no. = 1	**16**	**17** Ø68 mm Ø2.68"
18 Ø50 mm Ø1.97"	**19** Ø39 mm Ø1.54" Total no. = 1	**23** Ø65 mm Ø2.54"			

* The spare part is included in the package but is not used for PML size 40.

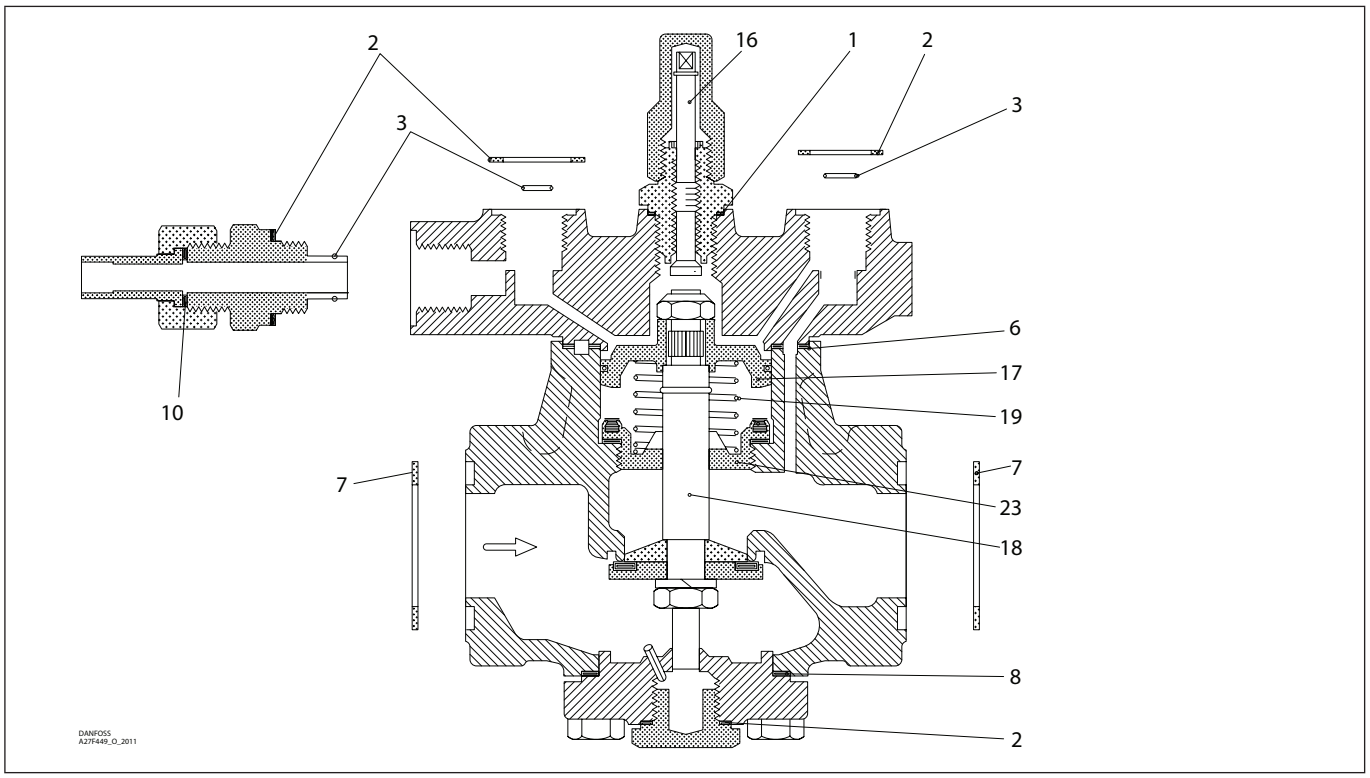
Overhaul kit | Code number 027F0558
PML, size 50



1 = Alu. Ø26 mm Ø1.02" Total no. = 1	**2** = Fibre Ø33 mm Ø1.28" Total no. = 4	**3** Ø9 mm Ø0.36" Total no. = 3	**4*** = Alu. Ø18 mm Ø0.70" Total no. = 1	**5*** = Alu. Ø14 mm Ø0.55" Total no. = 1	**6** = Fibre Ø105 mm Ø4.13" Total no. = 1
7 = Fibre Ø76 mm Ø2.99" Total no. = 2	**8** = Fibre Ø92 mm Ø3.62" Total no. = 1	**9*** = Alu. Ø32 mm Ø1.26" Total no. = 1	**10** = Alu. Ø22 mm Ø0.87" Total no. = 1	**16**	**17** Ø85 mm Ø3.35"
18 Ø65 mm Ø2.56"	**19** Ø49 mm Ø1.93" Total no. = 1	**23** Ø78 mm Ø3.06"			

* The spare part is included in the package but is not used for PML size 50.

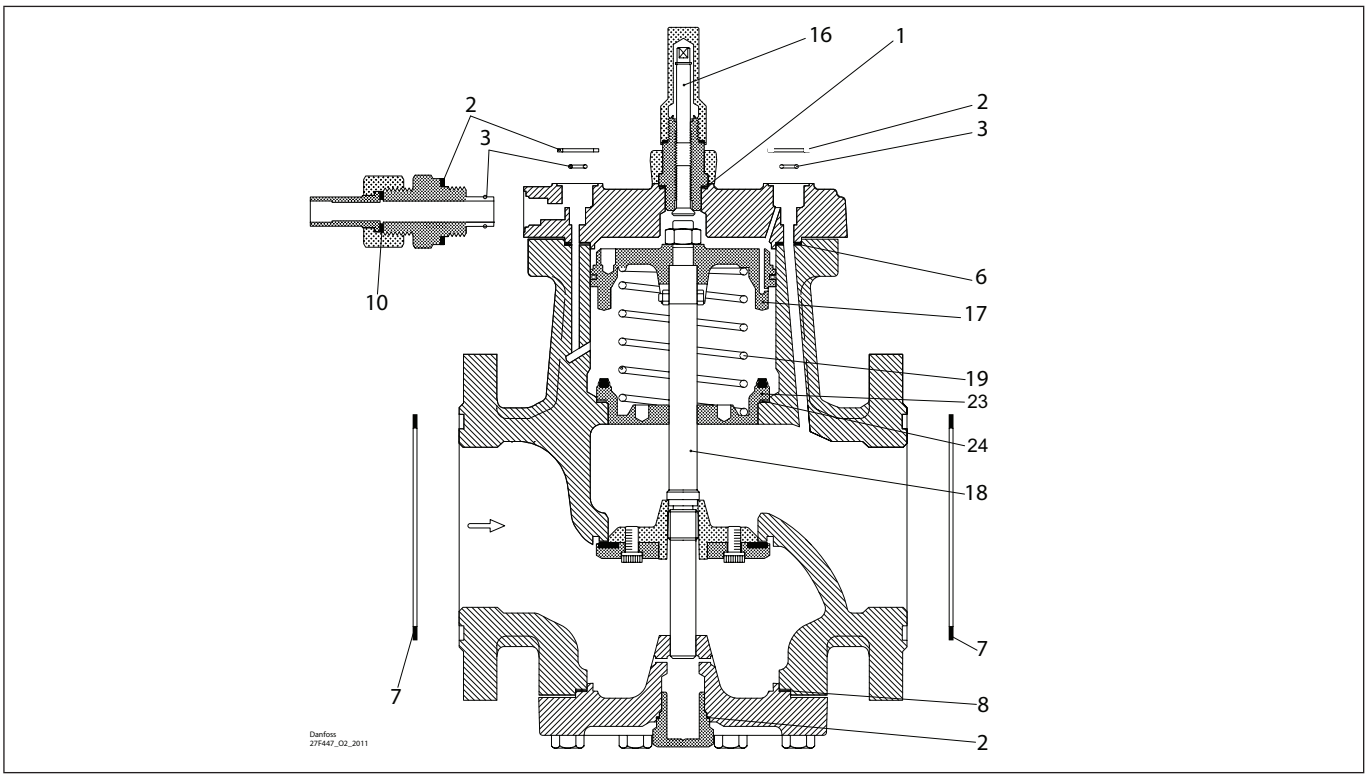
Overhaul kit | Code number 027F0559
PML, size 65



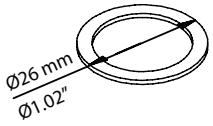
1 = Alu. Ø26 mm Ø1.02" Total no. = 1	**2** = Fibre Ø33 mm Ø1.28" Total no. = 4	**3** Ø9 mm Ø0.36" Total no. = 3	**4*** = Alu. Ø18 mm Ø0.70" Total no. = 1	**5*** = Alu. Ø14 mm Ø0.55" Total no. = 1	**6** = Fibre Ø127 mm Ø5" Total no. = 1
7 = Fibre Ø87 mm Ø3.43" Total no. = 2	**8** = Fibre Ø112 mm Ø4.41" Total no. = 1	**9*** = Alu. Ø32 mm Ø1.26" Total no. = 1	**10** = Alu. Ø22 mm Ø0.87" Total no. = 1	**16**	**17** Ø105 mm Ø4.13"
18 Ø76 mm Ø2.99"	**19** Ø65 mm Ø2.56" Total no. = 1	**23** Ø96 mm Ø3.76"			

* The spare part is included in the package but is not used for PML size 65.

Overhaul kit | Code number 027F0560
PML, size 80

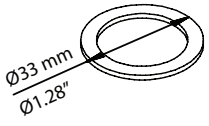


1* = Alu.



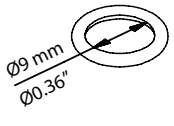
Total no. = 1

2 = Fibre



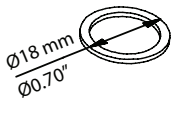
Total no. = 4

3



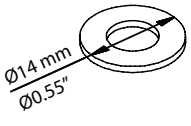
Total no. = 3

4* = Alu.



Total no. = 1

5* = Alu.



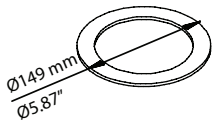
Total no. = 1

6 = Fibre



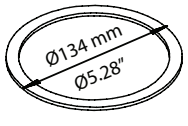
Total no. = 1

7 = Fibre



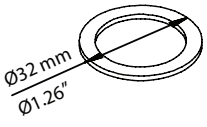
Total no. = 2

8 = Fibre



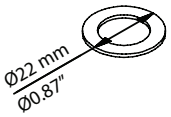
Total no. = 1

9* = Alu.



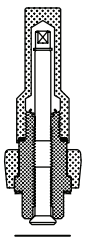
Total no. = 1

10 = Alu.

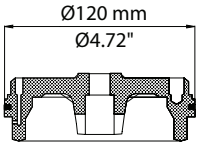


Total no. = 1

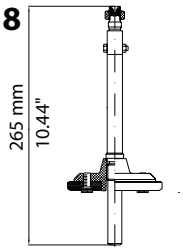
16



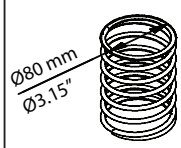
17



18

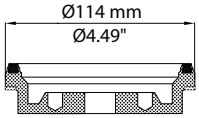


19

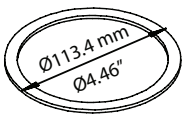


Total no. = 1

23



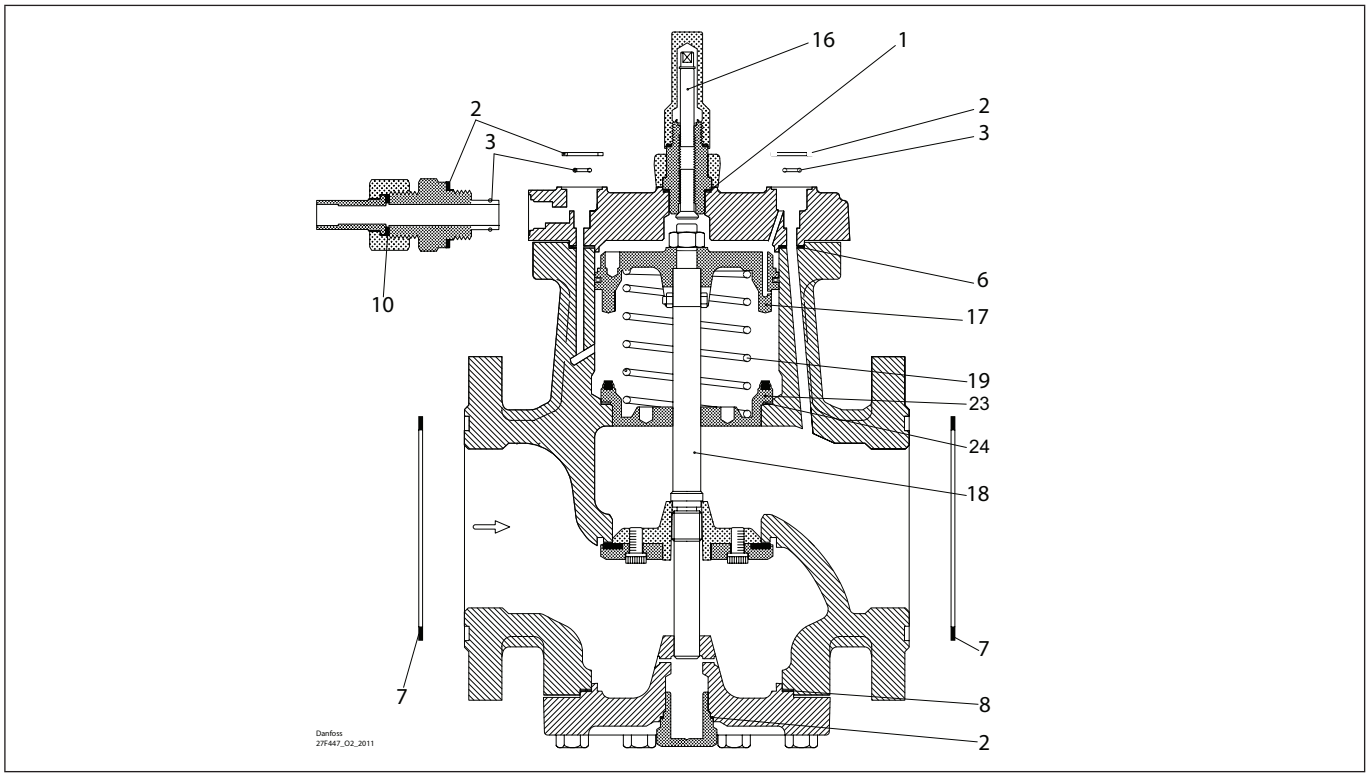
24 = Fibre

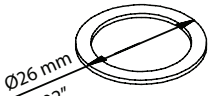


Total no. = 1

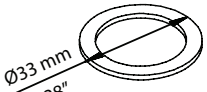
* The spare part is included in the package but is not used for PML size 80.

Overhaul kit | Code number 027F0561
PML, size 100



1* = Alu.


Total no. = 1

2 = Fibre


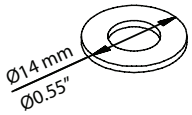
Total no. = 4

3


Total no. = 3

4* = Alu.

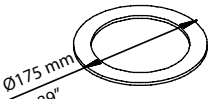

Total no. = 1

5* = Alu.


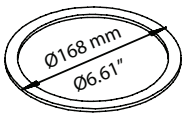
Total no. = 1

6 = Fibre

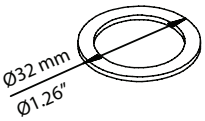

Total no. = 1

7 = Fibre


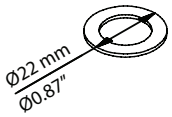
Total no. = 2

8 = Fibre


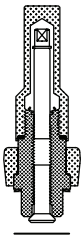
Total no. = 1

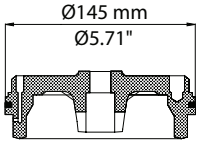
9* = Alu.


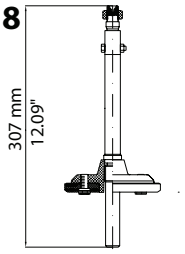
Total no. = 1

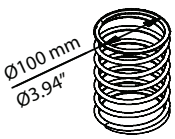
10 = Alu.


Total no. = 1

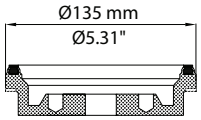
16


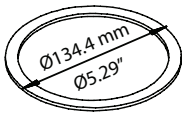
17


18


19


Total no. = 1

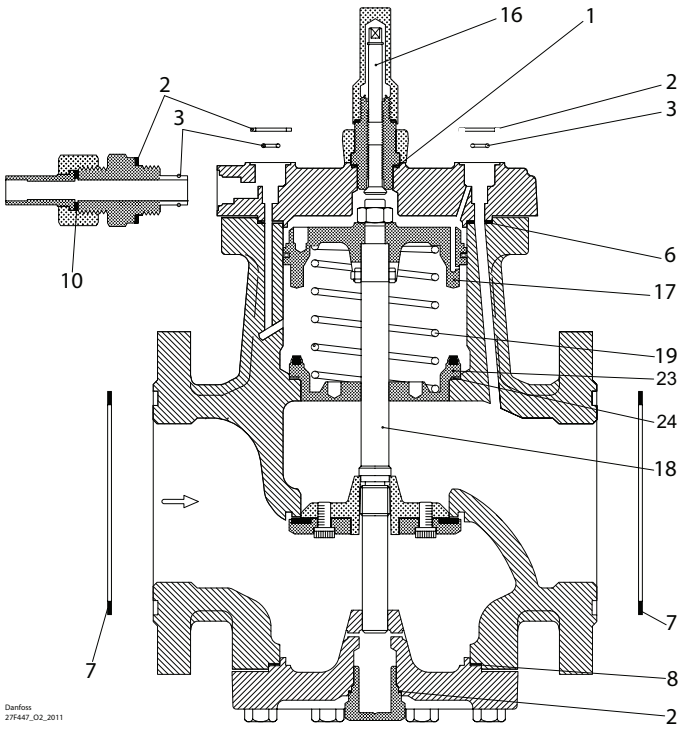
23


24 = Fibre


Total no. = 1

* The spare part is included in the package but is not used for PML size 100.

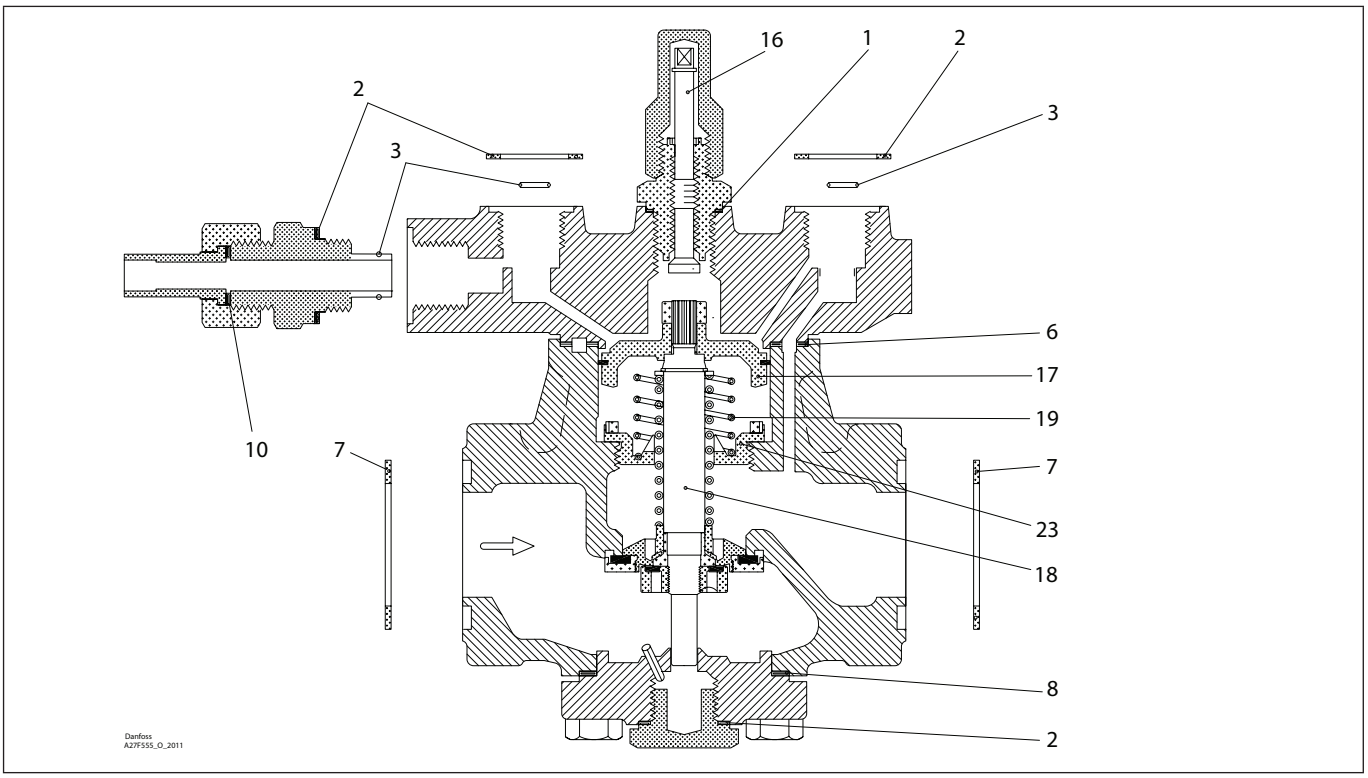
Overhaul kit | Code number 027F0562
PML, size 125



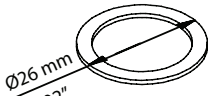
1* = Alu. Ø26 mm Ø1.02" Total no. = 1	**2** = Fibre Ø33 mm Ø1.28" Total no. = 4	**3** Ø9 mm Ø0.36" Total no. = 3	**4*** = Alu. Ø18 mm Ø0.70" Total no. = 1	**5*** = Alu. Ø14 mm Ø0.55" Total no. = 1	**6** = Fibre Ø221 mm Ø8.7" Total no. = 1
7 = Fibre Ø203 mm Ø7.99" Total no. = 2	**8** = Fibre Ø196 mm Ø7.72" Total no. = 1	**9*** = Alu. Ø32 mm Ø1.26" Total no. = 1	**10** = Alu. Ø22 mm Ø0.87" Total no. = 1	**16**	**17** Ø175 mm Ø6.89"
18 386 mm 15.21"	**19** Ø125 mm Ø4.92" Total no. = 1	**23** Ø160 mm Ø6.3"	**24** = Fibre Ø159.4 mm Ø6.27" Total no. = 1		

* The spare part is included in the package but is not used for PML size 125.

Overhaul kit | Code number 027F0563
PMLX, size 32

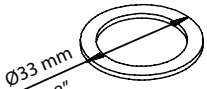


1 = Alu.



Total no. = 1

2 = Fibre



Total no. = 4

3



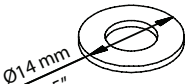
Total no. = 3

4* = Alu.



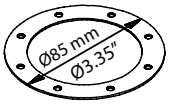
Total no. = 1

5* = Alu.



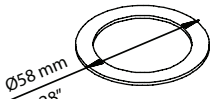
Total no. = 1

6 = Fibre



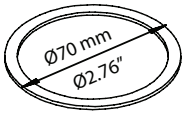
Total no. = 1

7 = Fibre



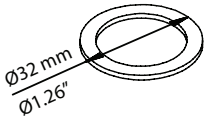
Total no. = 2

8* = Fibre



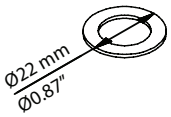
Total no. = 1

9* = Alu.



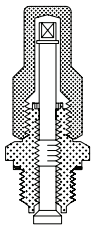
Total no. = 1

10 = Alu.

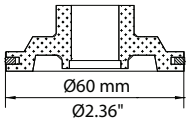


Total no. = 1

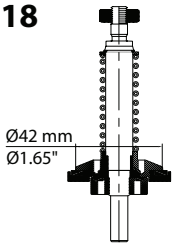
16



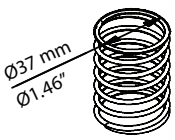
17



18

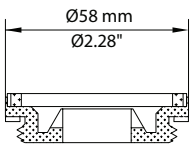


19



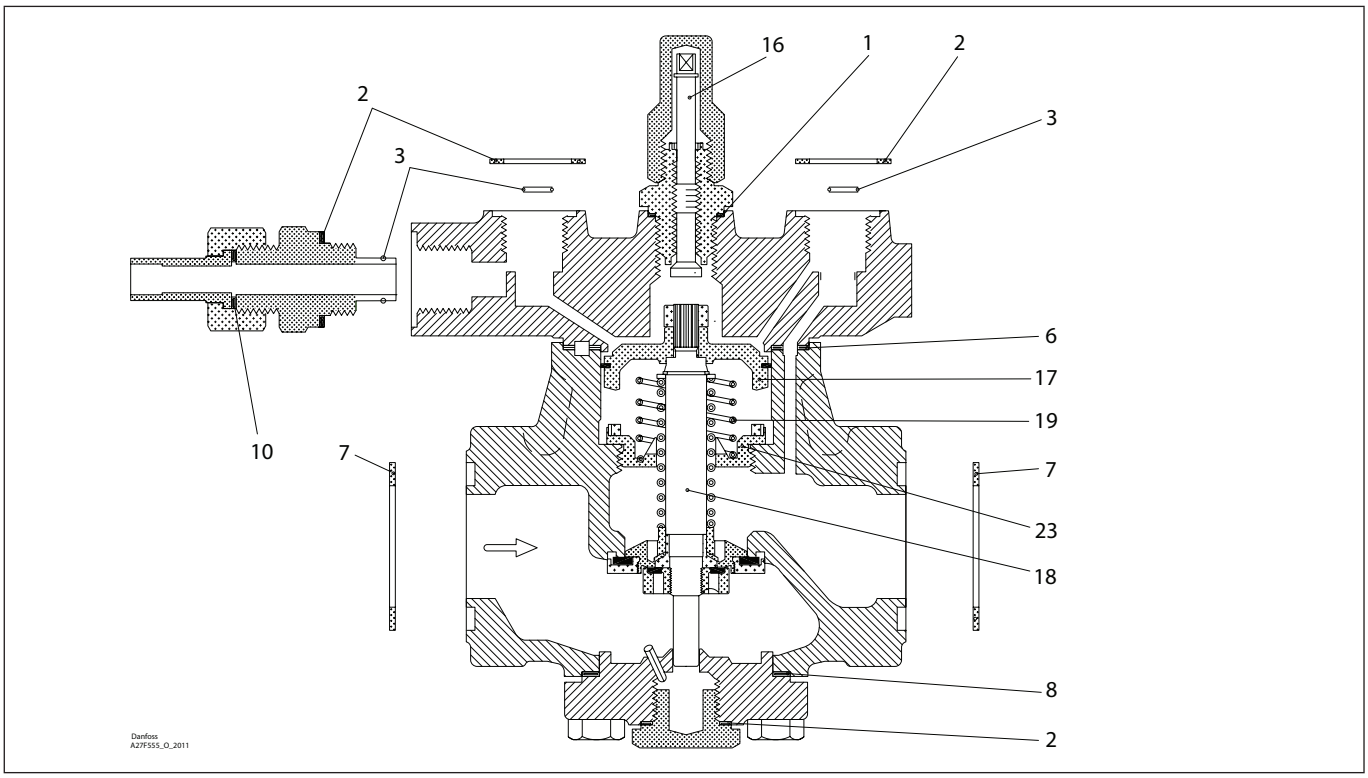
Total no. = 1

23

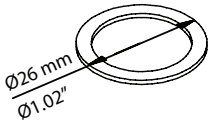


* The spare part is included in the package but is not used for PMLX size 32.

Overhaul kit | Code number 027F0568
PMLX, size 40

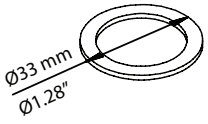


1 = Alu.



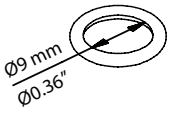
Total no. = 1

2 = Fibre



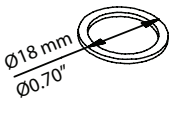
Total no. = 4

3



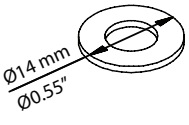
Total no. = 3

4* = Alu.



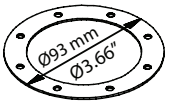
Total no. = 1

5* = Alu.



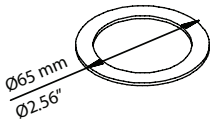
Total no. = 1

6 = Fibre



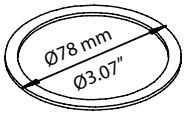
Total no. = 1

7 = Fibre



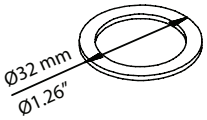
Total no. = 2

8* = Fibre



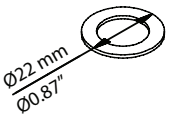
Total no. = 1

9* = Alu.



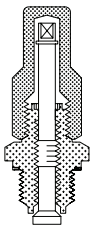
Total no. = 1

10 = Alu.

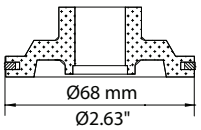


Total no. = 1

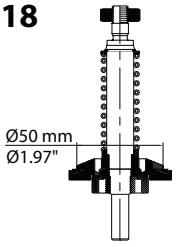
16



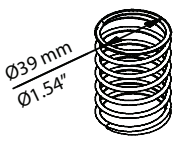
17



18

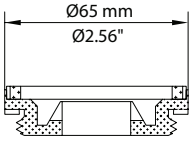


19



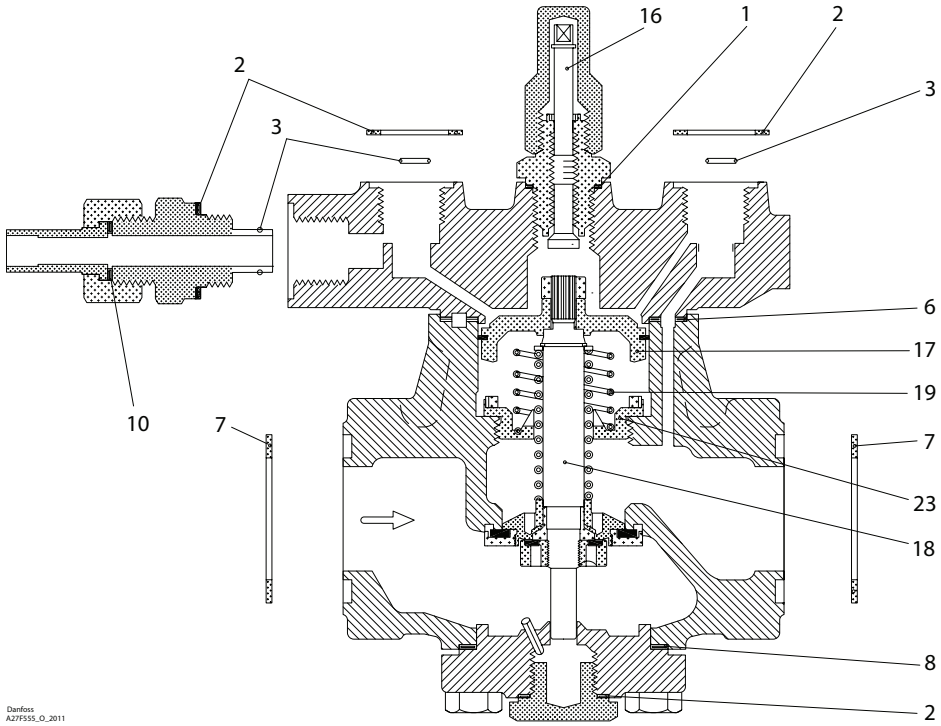
Total no. = 1

23

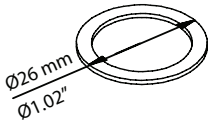


* The spare part is included in the package but is not used for PMLX size 40.

Overhaul kit | Code number 027F0569
PMLX, size 50

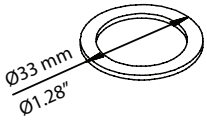


1 = Alu.



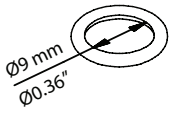
Total no. = 1

2 = Fibre



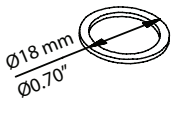
Total no. = 4

3



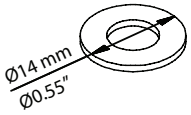
Total no. = 3

4* = Alu.



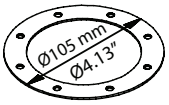
Total no. = 1

5* = Alu.



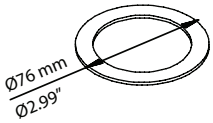
Total no. = 1

6 = Fibre



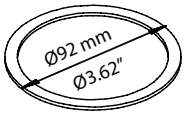
Total no. = 1

7 = Fibre



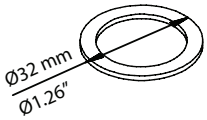
Total no. = 2

8* = Fibre



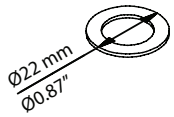
Total no. = 1

9* = Alu.



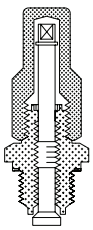
Total no. = 1

10 = Alu.

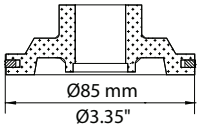


Total no. = 1

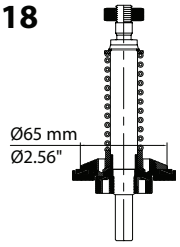
16



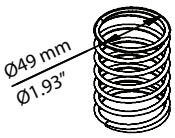
17



18

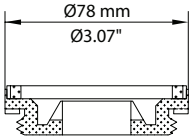


19



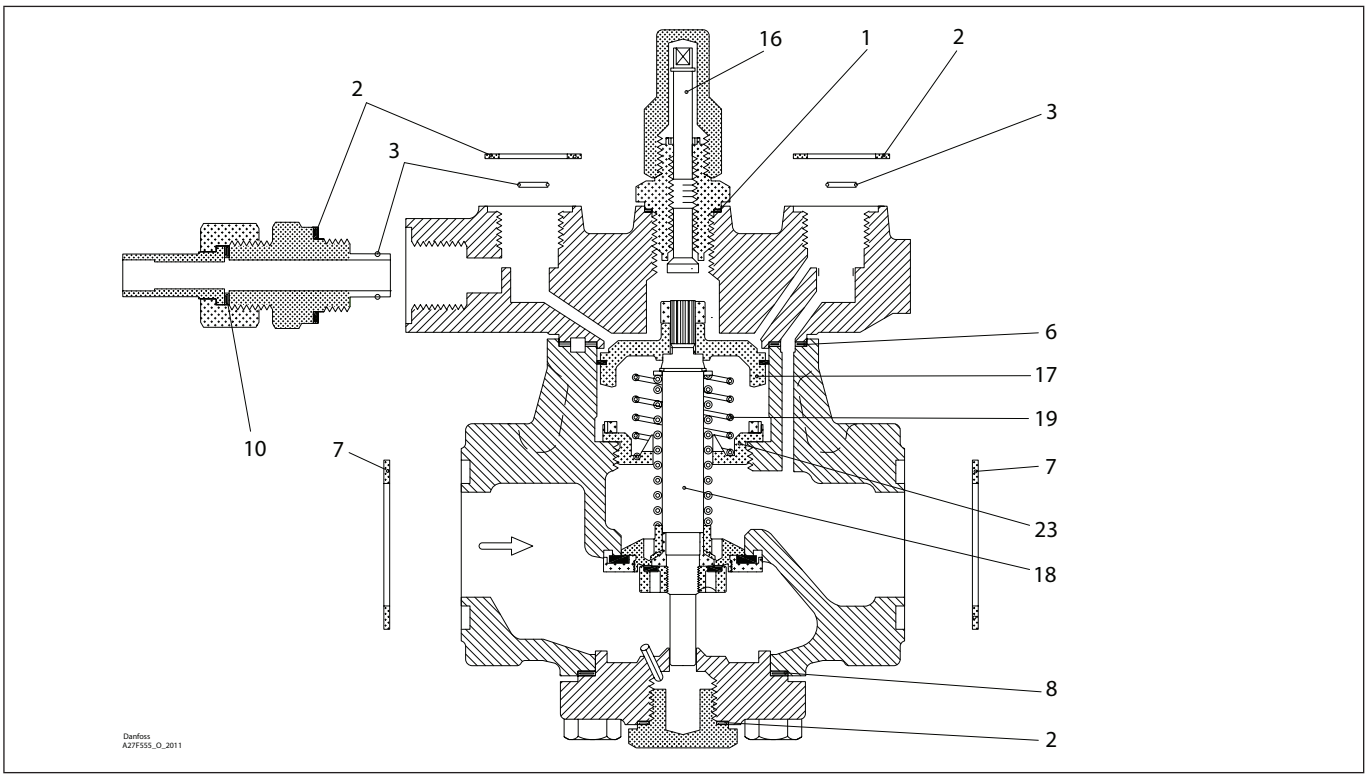
Total no. = 1

23

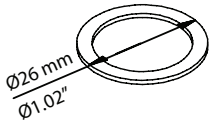


* The spare part is included in the package but is not used for PMLX size 50.

Overhaul kit | Code number 027F0570
PMLX, size 65

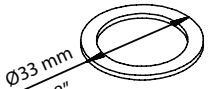


1 = Alu.



Total no. = 1

2 = Fibre



Total no. = 4

3



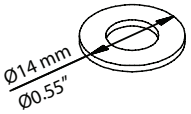
Total no. = 3

4* = Alu.



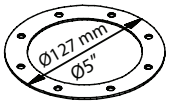
Total no. = 1

5* = Alu.



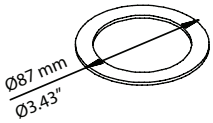
Total no. = 1

6 = Fibre



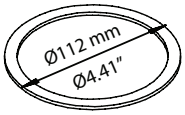
Total no. = 1

7 = Fibre



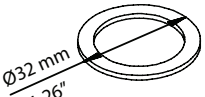
Total no. = 2

8* = Fibre



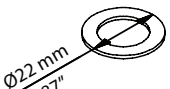
Total no. = 1

9* = Alu.



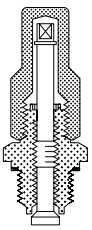
Total no. = 1

10 = Alu.

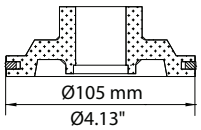


Total no. = 1

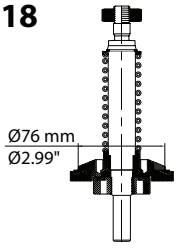
16



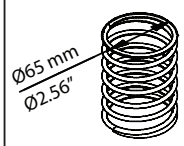
17



18

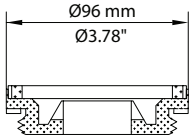


19



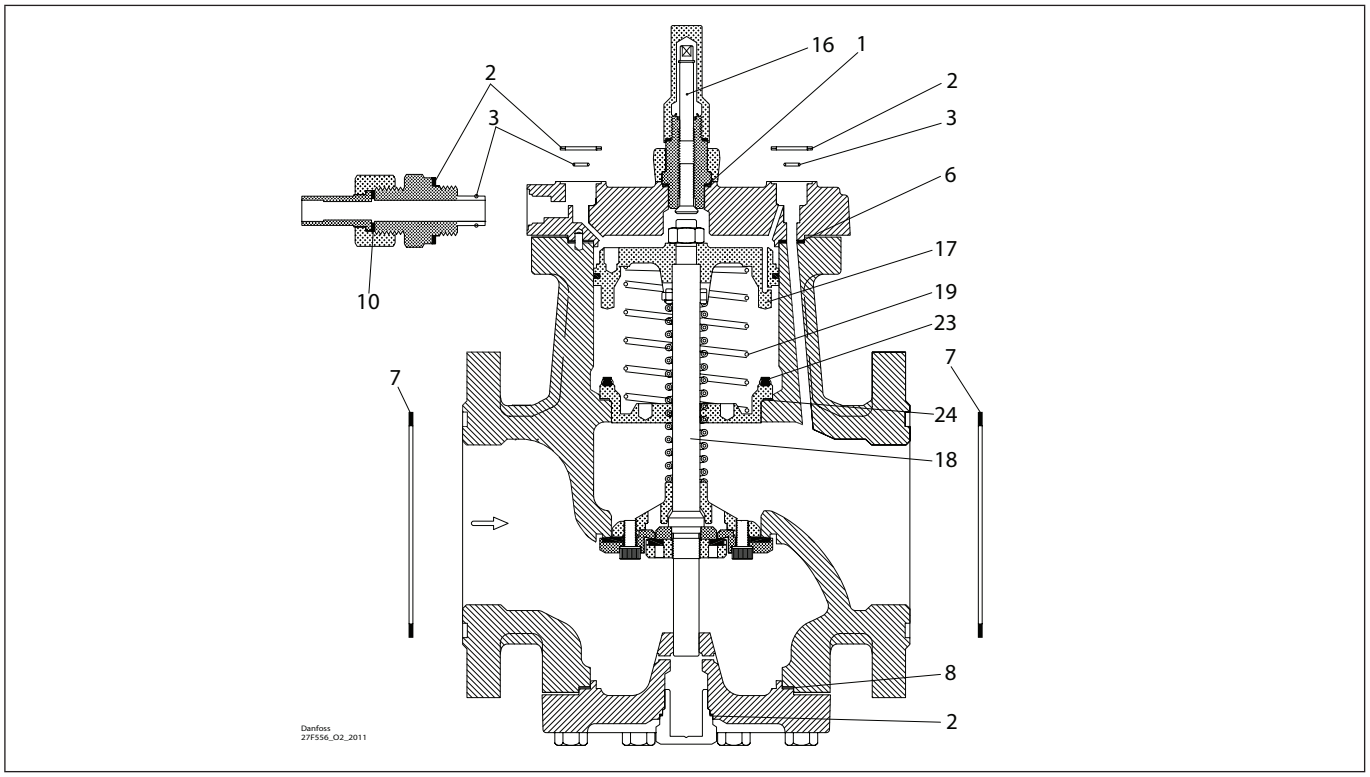
Total no. = 1

23



* The spare part is included in the package but is not used for PMLX size 65.

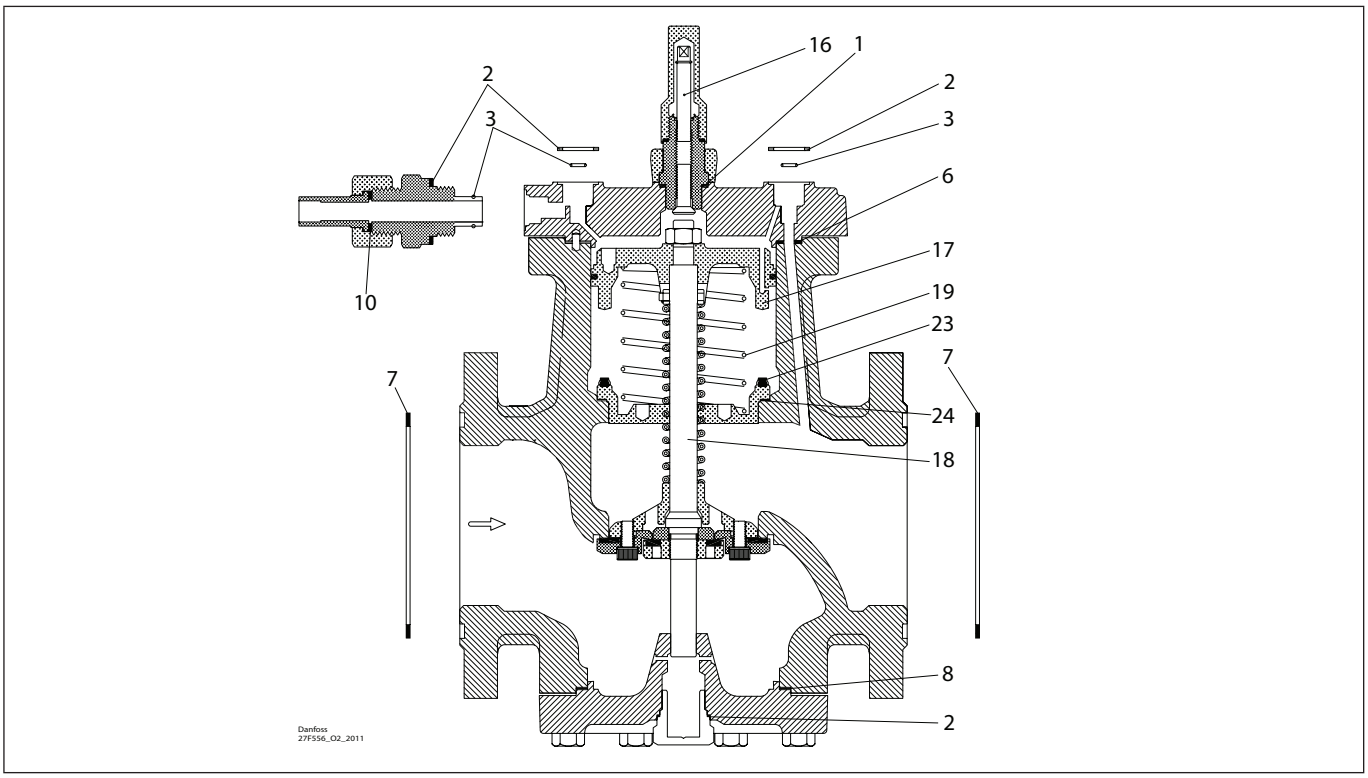
Overhaul kit | Code number 027F0571
PMLX, size 80



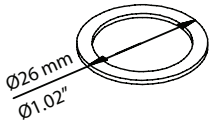
1* = Alu. Ø26 mm Ø1.02" Total no. = 1	**2** = Fibre Ø33 mm Ø1.28" Total no. = 4	**3** Ø9 mm Ø0.36" Total no. = 3	**4*** = Alu. Ø18 mm Ø0.70" Total no. = 1	**5*** = Alu. Ø14 mm Ø0.55" Total no. = 1	**6** = Fibre Ø154 mm Ø6.06" Total no. = 1
7 = Fibre Ø149 mm Ø5.87" Total no. = 2	**8** = Fibre Ø134 mm Ø5.28" Total no. = 1	**9*** = Alu. Ø32 mm Ø1.26" Total no. = 1	**10** = Alu. Ø22 mm Ø0.87" Total no. = 1	**16**	**17** Ø120 mm Ø4.72"
18 298 mm 11.74"	**19** Ø80 mm Ø3.15" Total no. = 1	**23** Ø114 mm Ø4.49"	**24** = Fibre Ø113.4 mm Ø4.46" Total no. = 1		

* The spare part is included in the package but is not used for PMLX size 80.

Overhaul kit | Code number 027F0572
PMLX, size 100

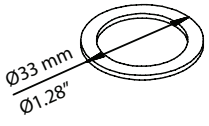


1* = Alu.



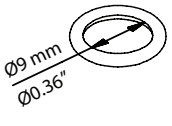
Total no. = 1

2 = Fibre



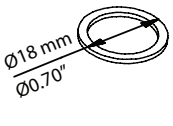
Total no. = 4

3



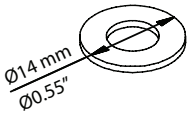
Total no. = 3

4* = Alu.



Total no. = 1

5* = Alu.



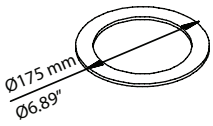
Total no. = 1

6 = Fibre



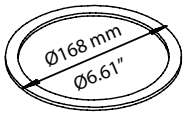
Total no. = 1

7 = Fibre



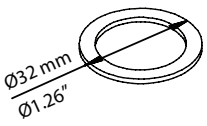
Total no. = 2

8 = Fibre



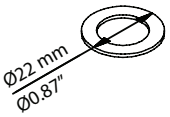
Total no. = 1

9* = Alu.



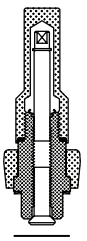
Total no. = 1

10 = Alu.

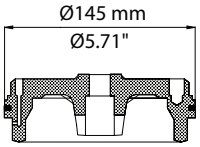


Total no. = 1

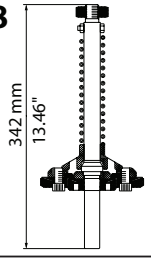
16



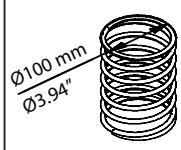
17



18

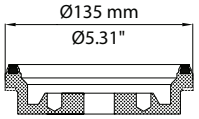


19

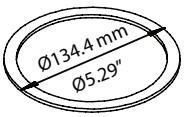


Total no. = 1

23



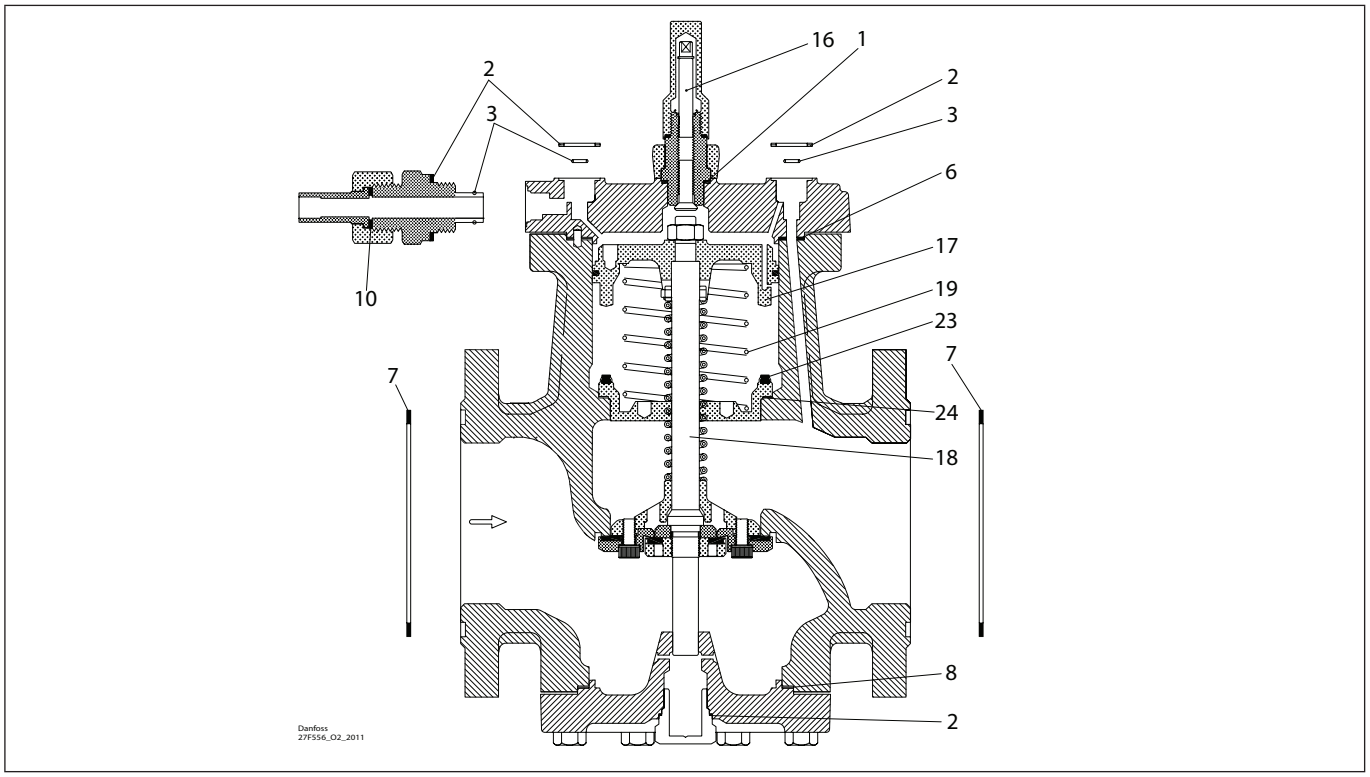
24 = Fibre



Total no. = 1

* The spare part is included in the package but is not used for PMLX size 100.

Overhaul kit | Code number 027F0573
PMLX, size 125



1* = Alu.
Ø26 mm Ø1.02"
Total no. = 1

2 = Fibre
Ø33 mm Ø1.28"
Total no. = 4

3
Ø9 mm Ø0.36"
Total no. = 3

4* = Alu.
Ø18 mm Ø0.70"
Total no. = 1

5* = Alu.
Ø14 mm Ø0.55"
Total no. = 1

6 = Fibre
Ø221 mm Ø8.7"
Total no. = 1

7 = Fibre
Ø203 mm Ø7.99"
Total no. = 2

8 = Fibre
Ø196 mm Ø7.72"
Total no. = 1

9* = Alu.
Ø32 mm Ø1.26"
Total no. = 1

10 = Alu.
Ø22 mm Ø0.87"
Total no. = 1

16

17
Ø175 mm Ø6.89"

18
426 mm 16.75"

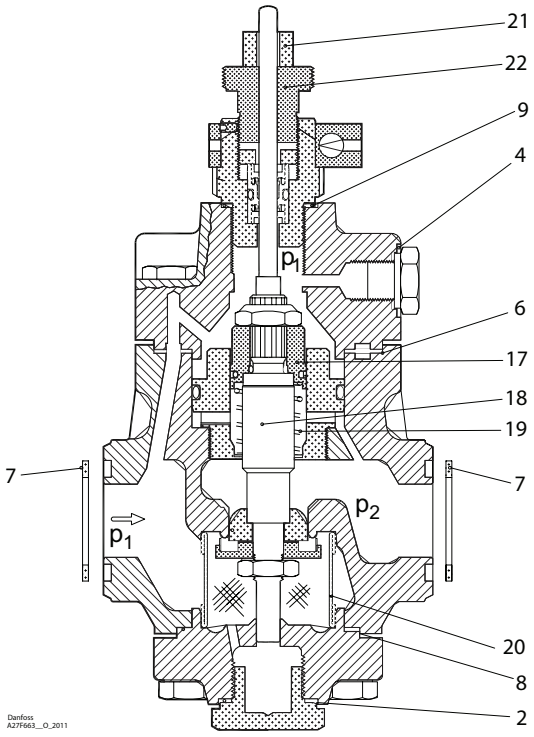
19
Ø125 mm Ø4.92"
Total no. = 1

23
Ø160 mm Ø6.3"

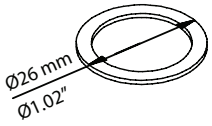
24 = Fibre
Ø159.4 mm Ø6.27"
Total no. = 1

* The spare part is included in the package but is not used for PMLX size 125.

Overhaul kit | Code number 027F0577
MRV, size 5

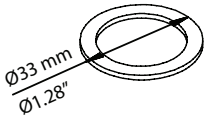


1* = Alu.



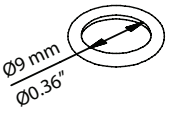
Total no. = 1

2 = Fibre



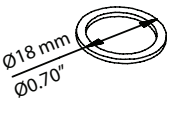
Total no. = 4

3*



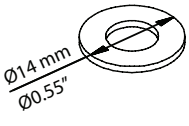
Total no. = 3

4 = Alu.



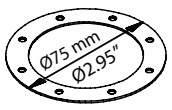
Total no. = 1

5* = Alu.



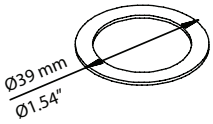
Total no. = 1

6 = Fibre



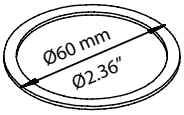
Total no. = 1

7 = Fibre



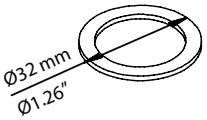
Total no. = 2

8 = Fibre



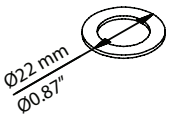
Total no. = 1

9 = Alu.



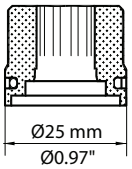
Total no. = 1

10* = Alu.

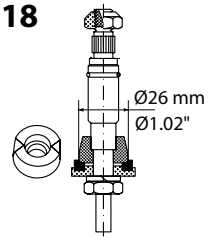


Total no. = 1

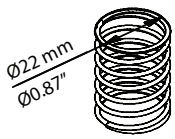
17



18

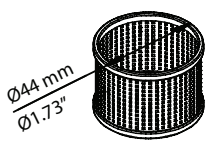


19



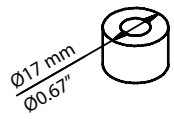
Total no. = 1

20



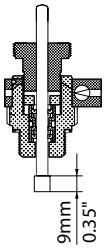
Total no. = 1

21



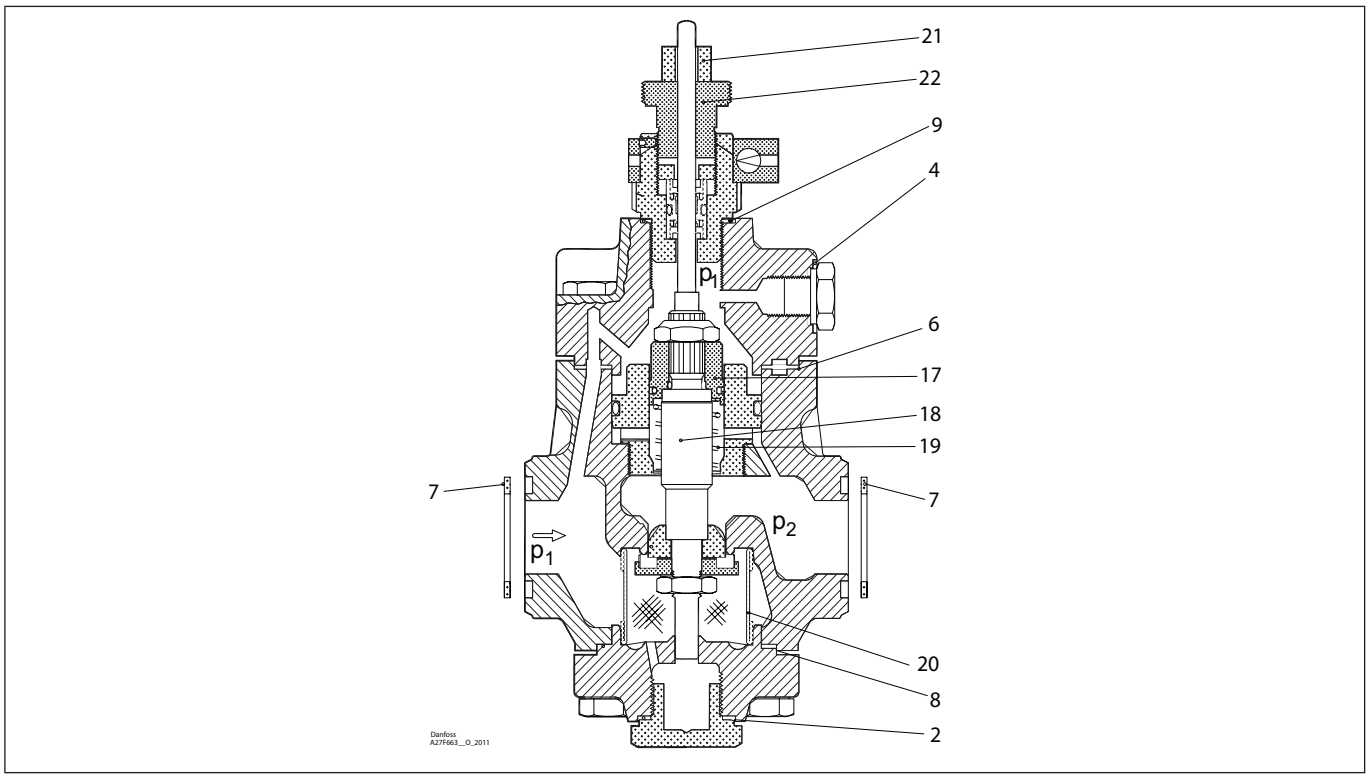
Total no. = 1

22



* The spare part is included in the package but is not used for MRV 5.

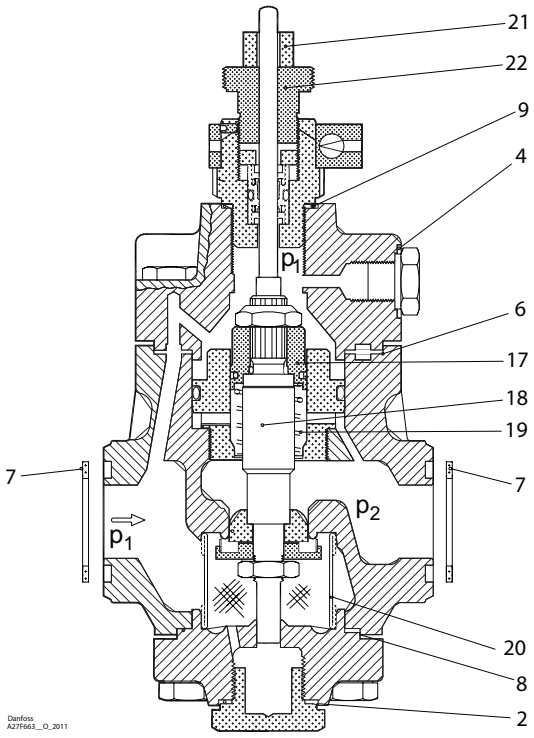
Overhaul kit | Code number 027F0578
MRV, size 10



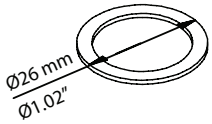
1* = Alu. Ø26 mm Ø1.02" Total no. = 1	**2** = Fibre Ø33 mm Ø1.28" Total no. = 4	**3*** Ø9 mm Ø0.36" Total no. = 3	**4** = Alu. Ø18 mm Ø0.70" Total no. = 1	**5*** = Alu. Ø14 mm Ø0.55" Total no. = 1	**6** = Fibre Ø75 mm Ø2.95" Total no. = 1
7 = Fibre Ø39 mm Ø1.54" Total no. = 2	**8** = Fibre Ø60 mm Ø2.36" Total no. = 1	**9** = Alu. Ø32 mm Ø1.26" Total no. = 1	**10*** = Alu. Ø22 mm Ø0.87" Total no. = 1	**17** Ø25 mm Ø0.97"	**18** Ø26 mm Ø1.02"
19 Ø22 mm Ø0.87" Total no. = 1	**20** Ø44 mm Ø1.73" Total no. = 1	**21** Ø17 mm Ø0.67" Total no. = 1	**22** 9mm 0.35"		

* The spare part is included in the package but is not used for MRV 10.

Overhaul kit | Code number 027F0579
MRV, size 15

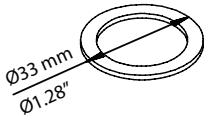


1* = Alu.



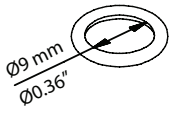
Total no. = 1

2 = Fibre



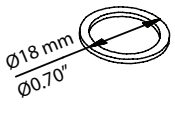
Total no. = 4

3*



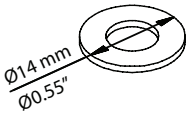
Total no. = 3

4 = Alu.



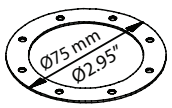
Total no. = 1

5* = Alu.



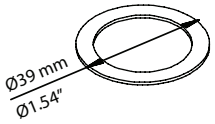
Total no. = 1

6 = Fibre



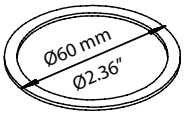
Total no. = 1

7 = Fibre



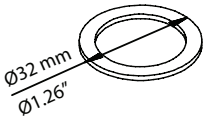
Total no. = 2

8 = Fibre



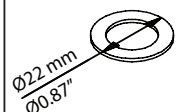
Total no. = 1

9 = Alu.



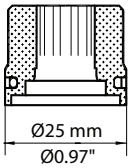
Total no. = 1

10* = Alu.

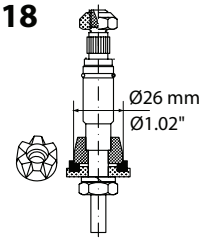


Total no. = 1

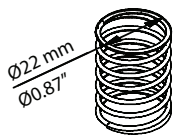
17



18

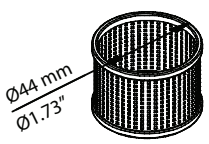


19



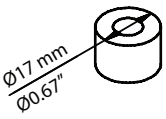
Total no. = 1

20



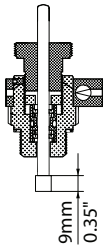
Total no. = 1

21



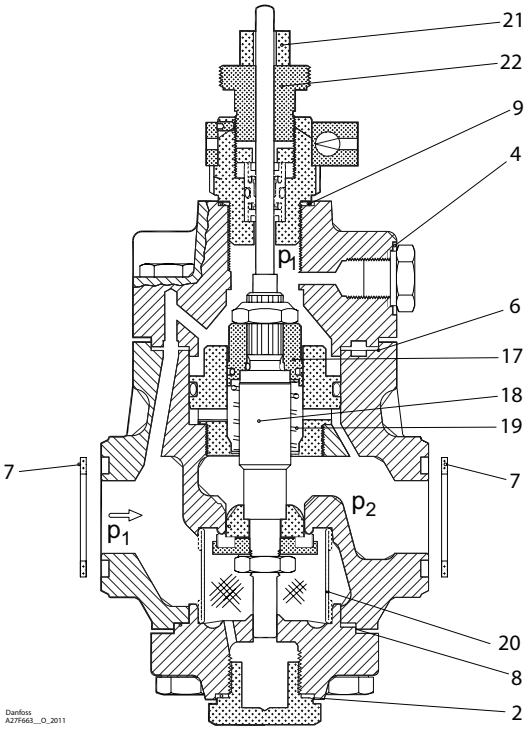
Total no. = 1

22

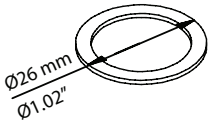


* The spare part is included in the package but is not used for MRV 15.

Overhaul kit | Code number 027F0580
MRV, size 20

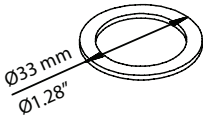


1* = Alu.



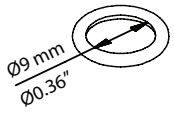
Total no. = 1

2 = Fibre



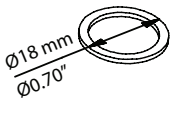
Total no. = 4

3*



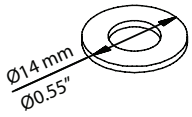
Total no. = 3

4 = Alu.



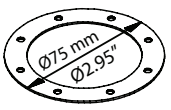
Total no. = 1

5* = Alu.



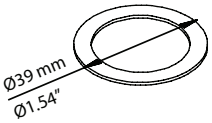
Total no. = 1

6 = Fibre



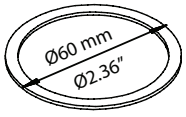
Total no. = 1

7 = Fibre



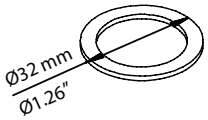
Total no. = 2

8 = Fibre



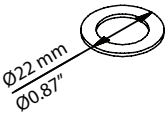
Total no. = 1

9 = Alu.



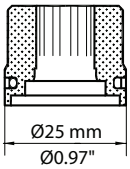
Total no. = 1

10* = Alu.

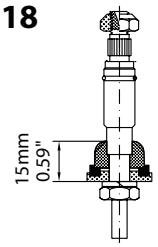


Total no. = 1

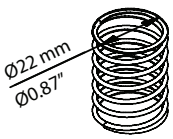
17



18

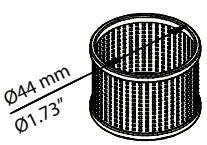


19



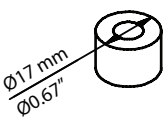
Total no. = 1

20



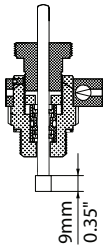
Total no. = 1

21



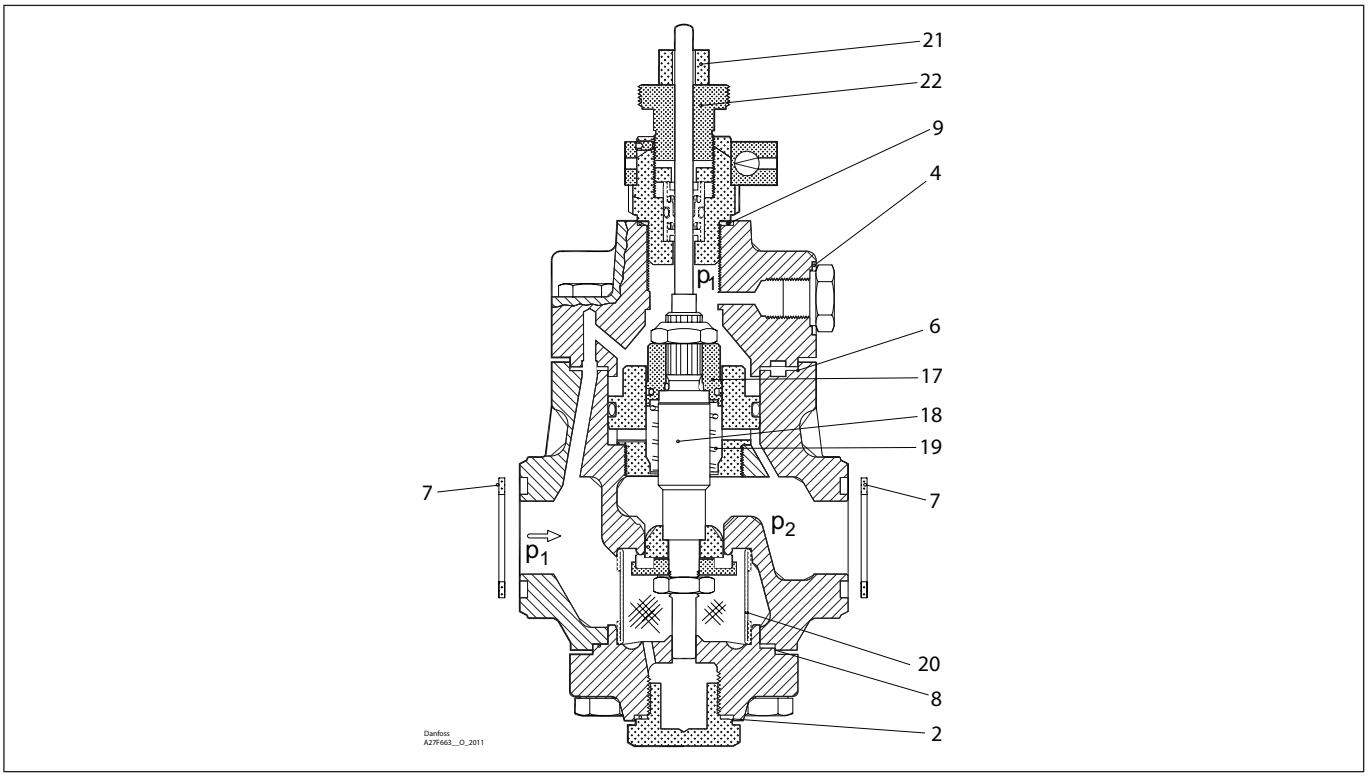
Total no. = 1

22

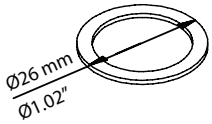


* The spare part is included in the package but is not used for MRV 20.

Overhaul kit | Code number 027F0581
MRV, size 25

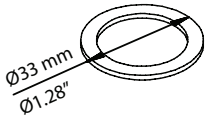


1* = Alu.



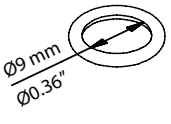
Total no. = 1

2 = Fibre



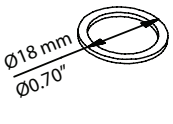
Total no. = 4

3*



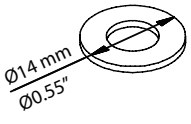
Total no. = 3

4 = Alu.



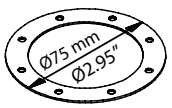
Total no. = 1

5* = Alu.



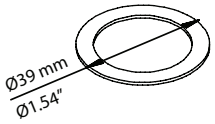
Total no. = 1

6 = Fibre



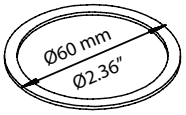
Total no. = 1

7 = Fibre



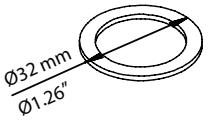
Total no. = 2

8 = Fibre



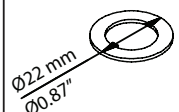
Total no. = 1

9 = Alu.



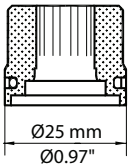
Total no. = 1

10* = Alu.

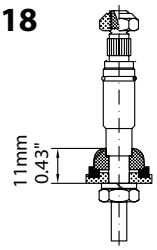


Total no. = 1

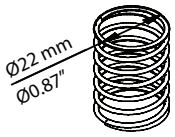
17



18

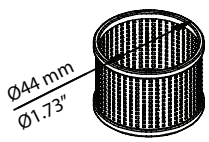


19



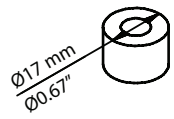
Total no. = 1

20



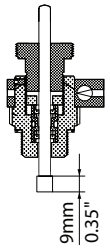
Total no. = 1

21



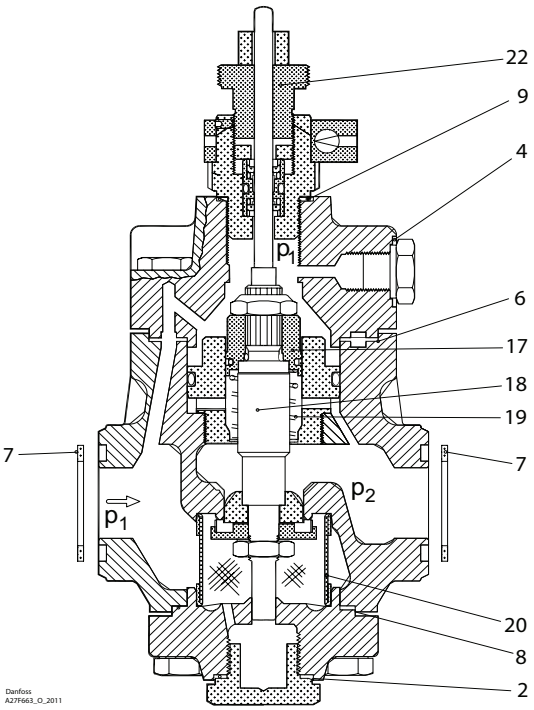
Total no. = 1

22



* The spare part is included in the package but is not used for MRV 25.

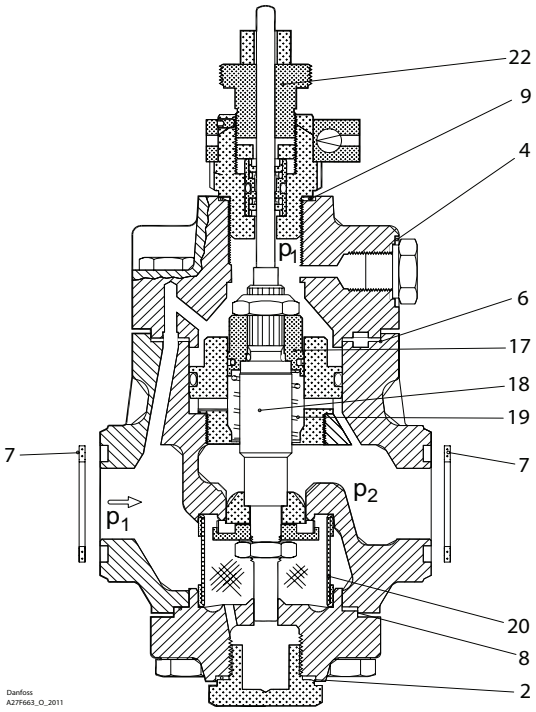
Overhaul kit | Code number 027F0582
MRV, size 32



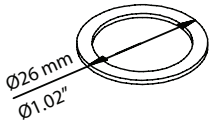
1* = Alu. Ø26 mm / Ø1.02" Total no. = 1	**2** = Fibre Ø33 mm / Ø1.28" Total no. = 4	**3*** Ø9 mm / Ø0.36" Total no. = 3	**4** = Alu. Ø18 mm / Ø0.70" Total no. = 1	**5*** = Alu. Ø14 mm / Ø0.55" Total no. = 1	**6** = Fibre Ø85 mm / Ø3.35" Total no. = 1
7 = Fibre Ø58 mm / Ø2.28" Total no. = 2	**8** = Fibre Ø70 mm / Ø2.76" Total no. = 1	**9** = Alu. Ø32 mm / Ø1.26" Total no. = 1	**10*** = Alu. Ø22 mm / Ø0.87" Total no. = 1	**17** Ø30 ± 0,2 Total no. = 1	**18** Ø32 mm / Ø1.26"
19 Ø25 mm / Ø0.98" Total no. = 1	**20** Ø51 mm / Ø2.00" Total no. = 1	**22** 9mm / 0.35" Total no. = 1			

* The spare part is included in the package but is not used for MRV 32.

Overhaul kit | Code number 027F0583
MRV, size 40

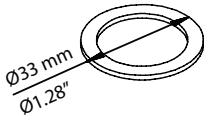


1* = Alu.



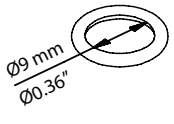
Total no. = 1

2 = Fibre



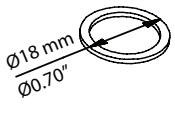
Total no. = 4

3*



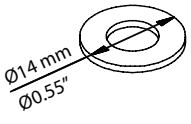
Total no. = 3

4 = Alu.



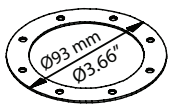
Total no. = 1

5* = Alu.



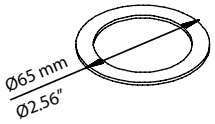
Total no. = 1

6 = Fibre



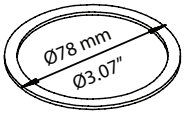
Total no. = 1

7 = Fibre



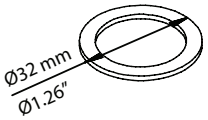
Total no. = 2

8 = Fibre



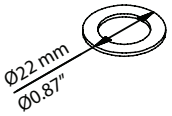
Total no. = 1

9 = Alu.



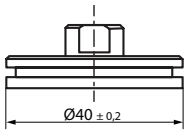
Total no. = 1

10* = Alu.



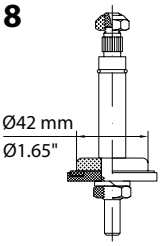
Total no. = 1

17

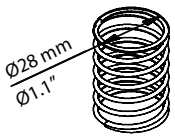


Total no. = 1

18

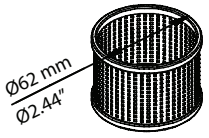


19



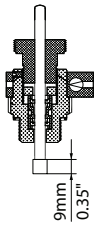
Total no. = 1

20



Total no. = 1

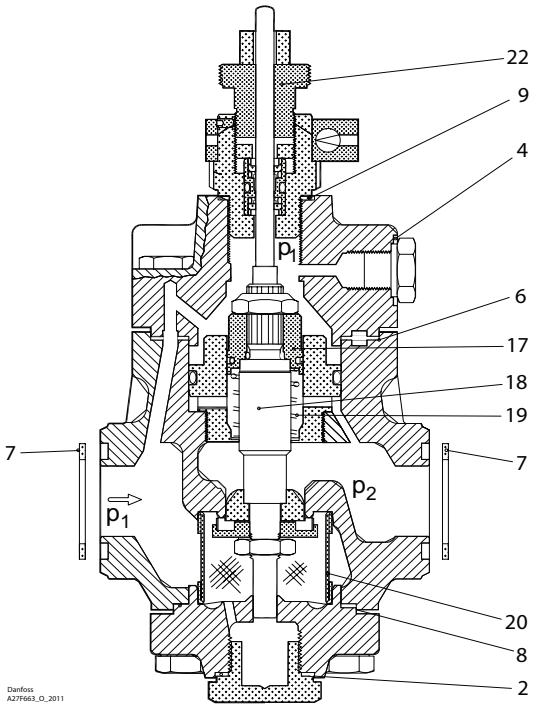
22



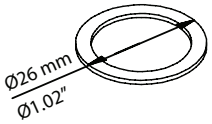
Total no. = 1

* The spare part is included in the package but is not used for MRV 40.

Overhaul kit | Code number 027F0584
MRV, size 50

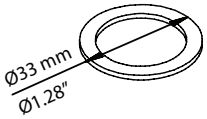


1* = Alu.



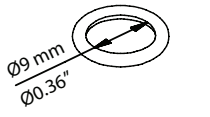
Total no. = 1

2 = Fibre



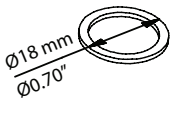
Total no. = 4

3*



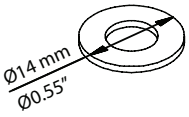
Total no. = 3

4 = Alu.



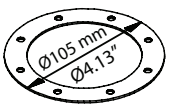
Total no. = 1

5* = Alu.



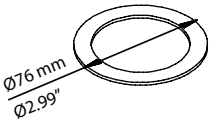
Total no. = 1

6 = Fibre



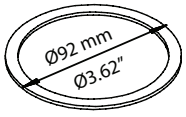
Total no. = 1

7 = Fibre



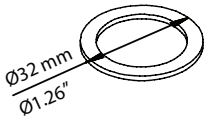
Total no. = 2

8 = Fibre



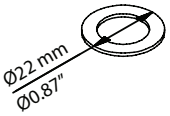
Total no. = 1

9 = Alu.



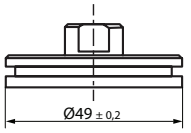
Total no. = 1

10* = Alu.



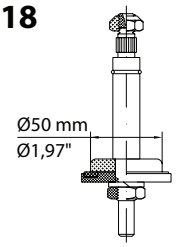
Total no. = 1

17

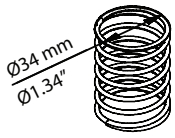


Total no. = 1

18

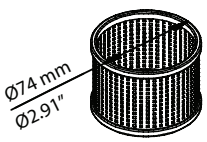


19



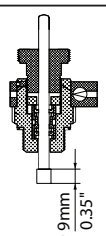
Total no. = 1

20



Total no. = 1

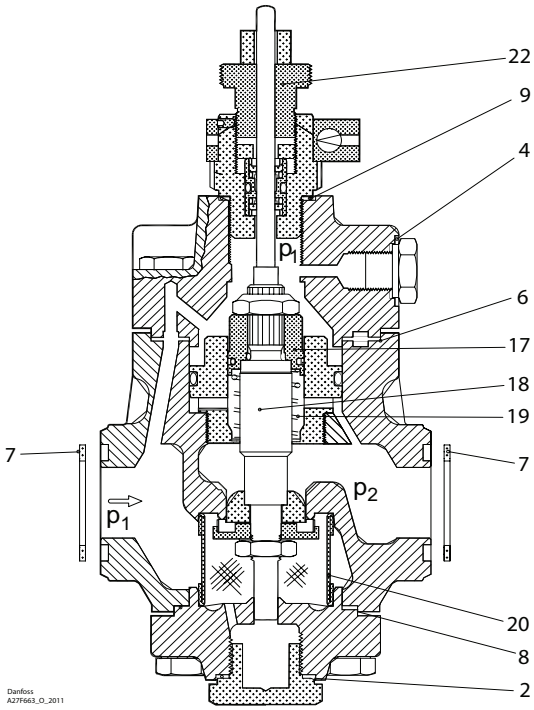
22



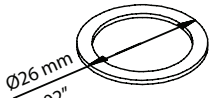
Total no. = 1

* The spare part is included in the package but is not used for MRV 50.

Overhaul kit | Code number 027F0592
MRV, size 65

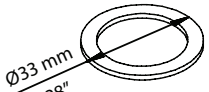


1* = Alu.



Total no. = 1

2 = Fibre



Total no. = 4

3*



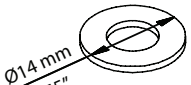
Total no. = 3

4 = Alu.



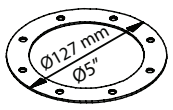
Total no. = 1

5* = Alu.



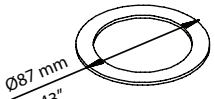
Total no. = 1

6 = Fibre



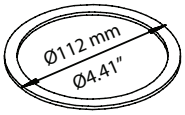
Total no. = 1

7 = Fibre



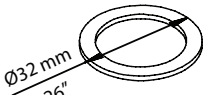
Total no. = 2

8 = Fibre



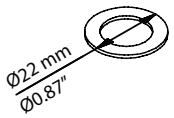
Total no. = 1

9 = Alu.



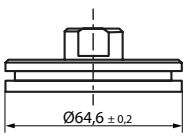
Total no. = 1

10* = Alu.



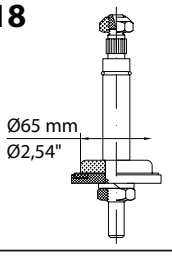
Total no. = 1

17

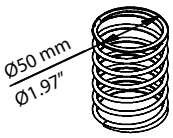


Total no. = 1

18

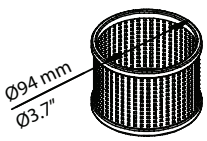


19



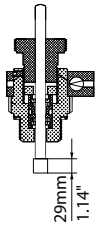
Total no. = 1

20



Total no. = 1

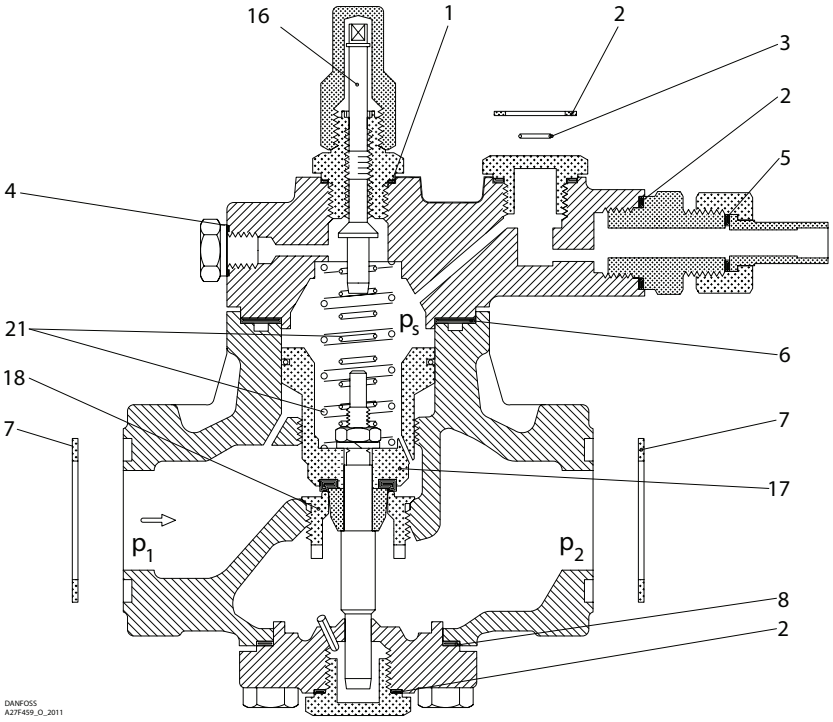
22



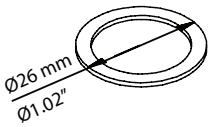
Total no. = 1

* The spare part is included in the package but is not used for MRV 65.

Overhaul kit | Code number 027F0611
PMFL, size 80-1

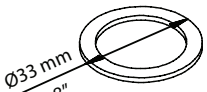


1 = Alu.



Total no. = 1

2 = Fibre



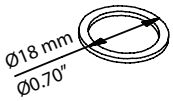
Total no. = 4

3



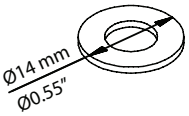
Total no. = 3

4 = Alu.



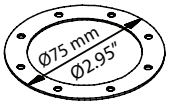
Total no. = 1

5 = Alu.



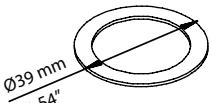
Total no. = 1

6 = Fibre



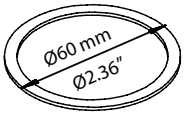
Total no. = 1

7 = Fibre



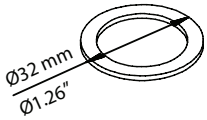
Total no. = 2

8 = Fibre



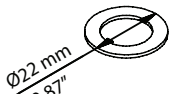
Total no. = 1

9* = Alu.



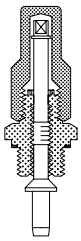
Total no. = 1

10* = Alu.

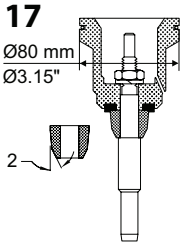


Total no. = 1

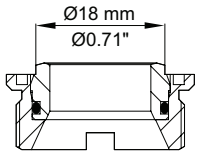
16



17



18



21 Standard

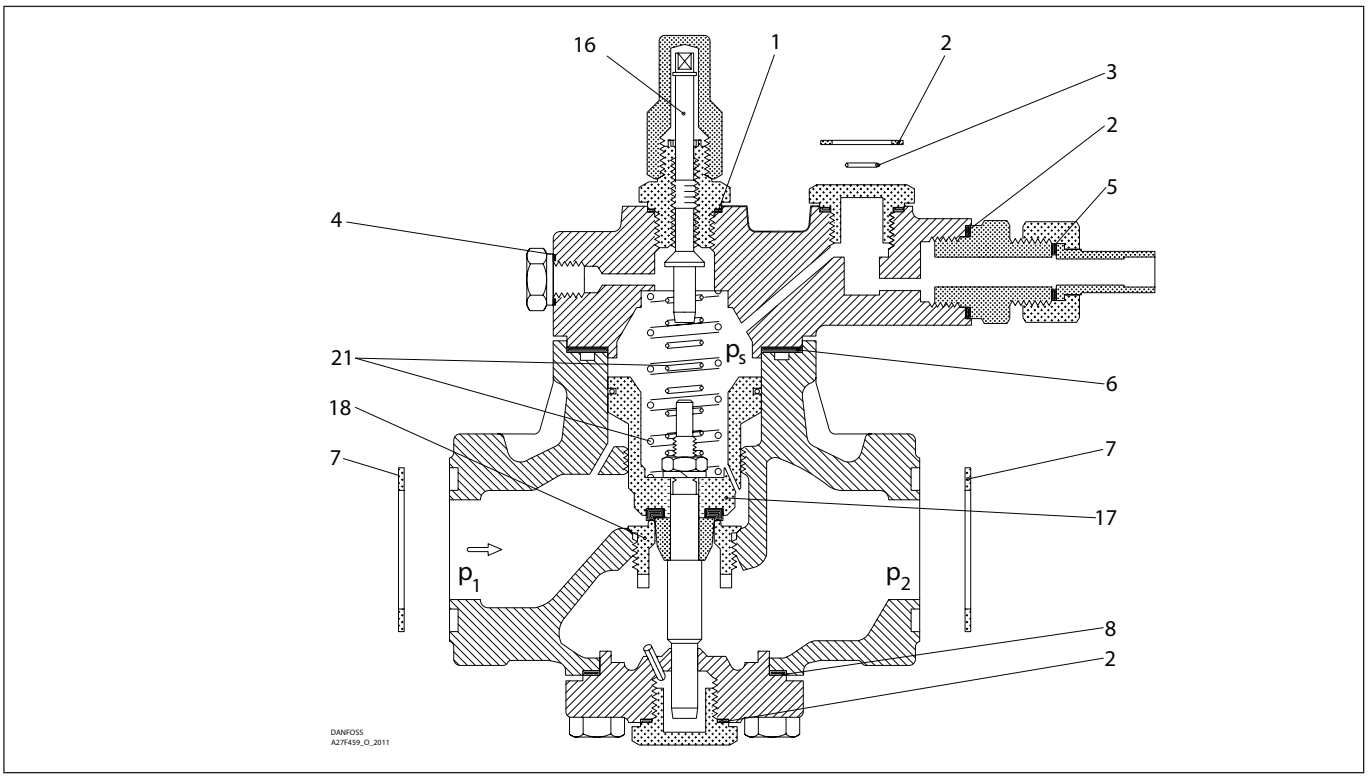


1 set

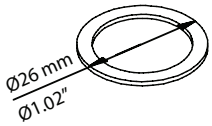
* The spare part is included in the package but is not used for PMFL size 80-1.

For identification and installation of Weak and Strong spring sets please see Installation guide DKRCI.PI.GE1.C

Overhaul kit | Code number 027F0631
PMFL, size 80-2

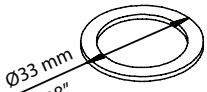


1 = Alu.



Total no. = 1

2 = Fibre



Total no. = 4

3



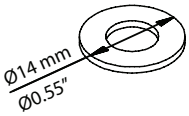
Total no. = 3

4 = Alu.



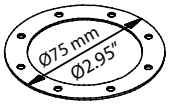
Total no. = 1

5 = Alu.



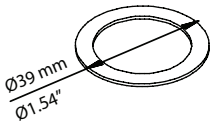
Total no. = 1

6 = Fibre



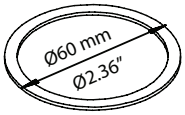
Total no. = 1

7 = Fibre



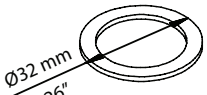
Total no. = 2

8 = Fibre



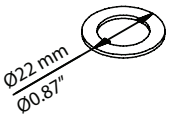
Total no. = 1

9* = Alu.



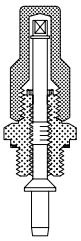
Total no. = 1

10* = Alu.

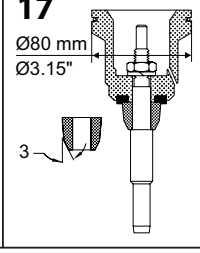


Total no. = 1

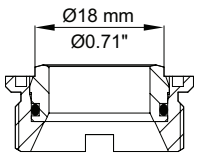
16



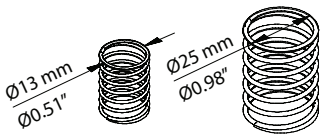
17



18



21 Standard

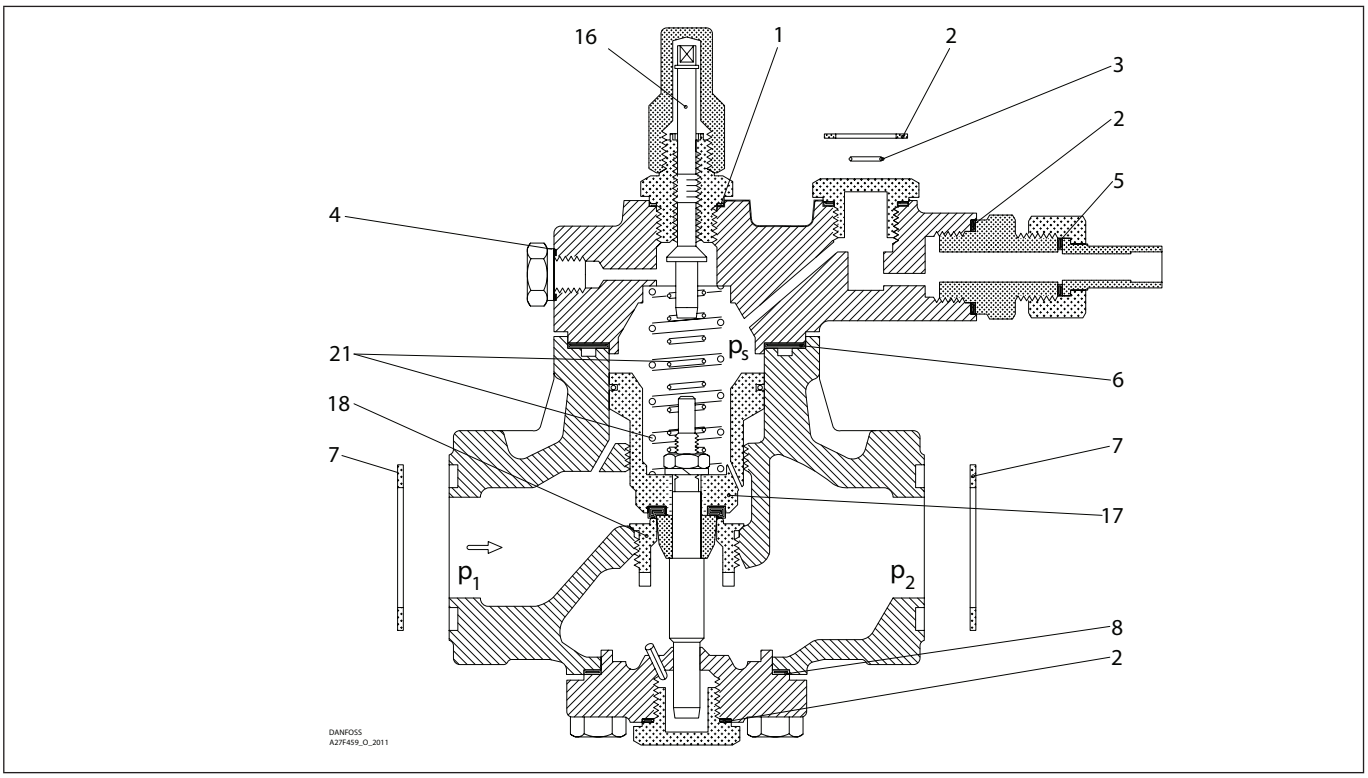


1 set

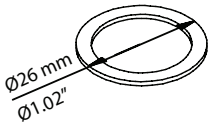
* The spare part is included in the package but is not used for PMFL size 80-2.

For identification and installation of Weak and Strong spring sets please see Installation guide DKRCI.PI.GE1.C

Overhaul kit | Code number 027F0632
PMFL, size 80-3

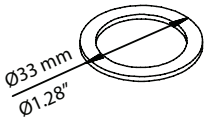


1 = Alu.



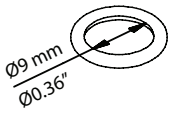
Total no. = 1

2 = Fibre



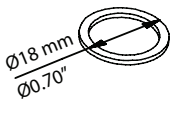
Total no. = 4

3



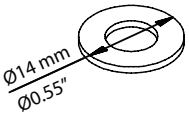
Total no. = 3

4 = Alu.



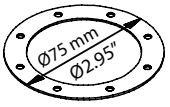
Total no. = 1

5 = Alu.



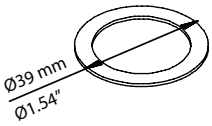
Total no. = 1

6 = Fibre



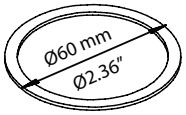
Total no. = 1

7 = Fibre



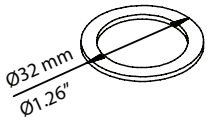
Total no. = 2

8 = Fibre



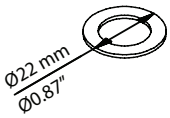
Total no. = 1

9* = Alu.



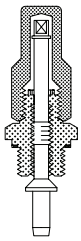
Total no. = 1

10* = Alu.

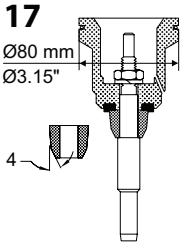


Total no. = 1

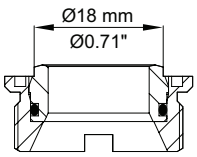
16



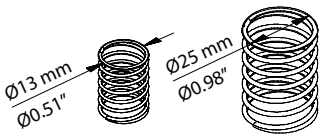
17



18



21 Standard

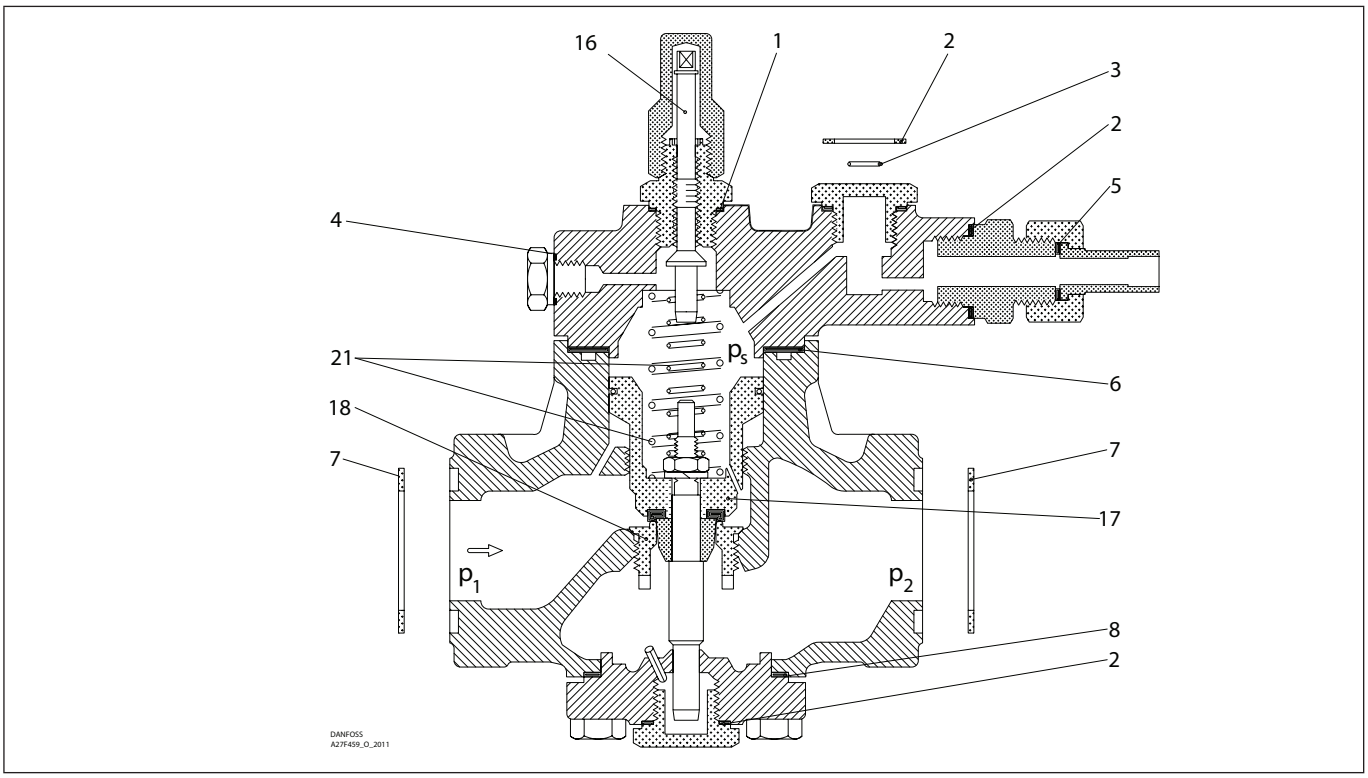


1 set

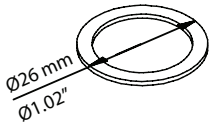
* The spare part is included in the package but is not used for PMFL size 80-3.

For identification and installation of Weak and Strong spring sets please see Installation guide DKRCI.PI.GE1.C

Overhaul kit | Code number 027F0633
PMFL, size 80-4

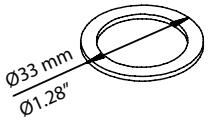


1 = Alu.



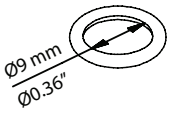
Total no. = 1

2 = Fibre



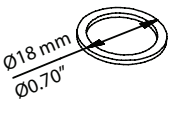
Total no. = 4

3



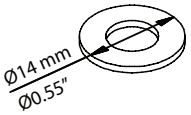
Total no. = 3

4 = Alu.



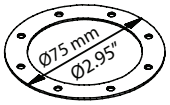
Total no. = 1

5 = Alu.



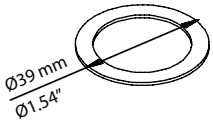
Total no. = 1

6 = Fibre



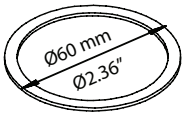
Total no. = 1

7 = Fibre



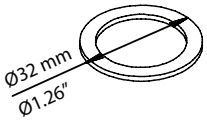
Total no. = 2

8 = Fibre



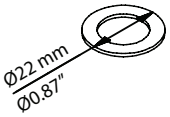
Total no. = 1

9* = Alu.



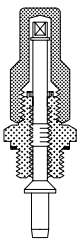
Total no. = 1

10* = Alu.

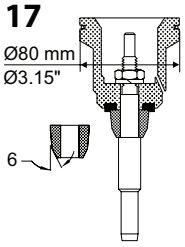


Total no. = 1

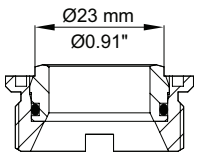
16



17



18



21 Standard

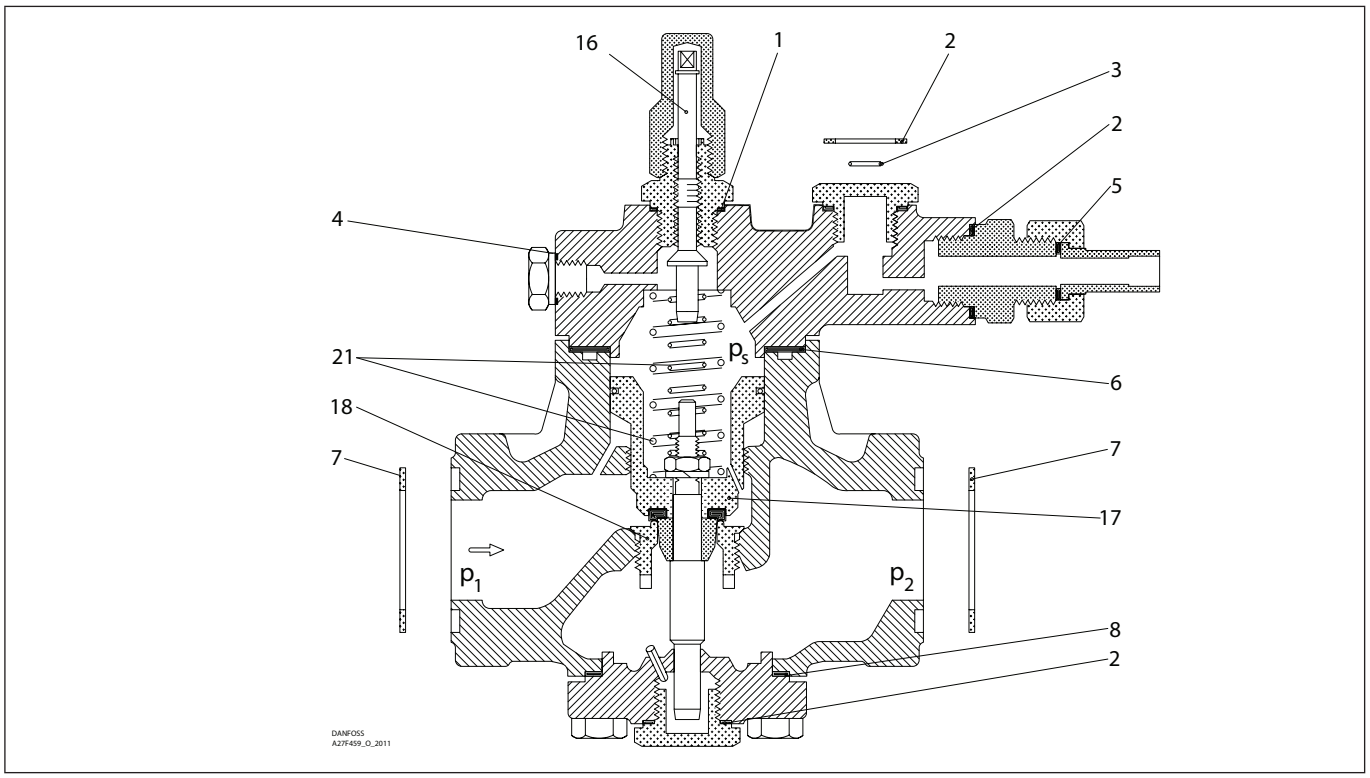


1 set

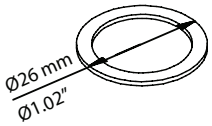
* The spare part is included in the package but is not used for PMFL size 80-4.

For identification and installation of Weak and Strong spring sets please see Installation guide DKRCI.PI.GE1.C

Overhaul kit | Code number 027F0634
PMFL, size 80-5



1 = Alu.



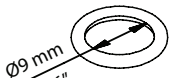
Total no. = 1

2 = Fibre



Total no. = 4

3



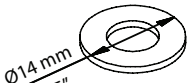
Total no. = 3

4 = Alu.



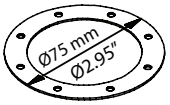
Total no. = 1

5 = Alu.



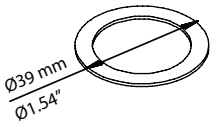
Total no. = 1

6 = Fibre



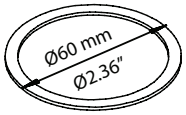
Total no. = 1

7 = Fibre



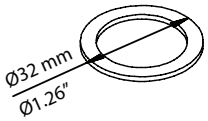
Total no. = 2

8 = Fibre



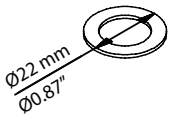
Total no. = 1

9* = Alu.



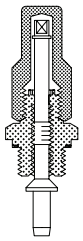
Total no. = 1

10* = Alu.

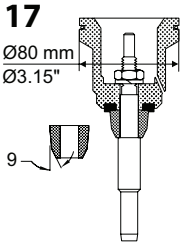


Total no. = 1

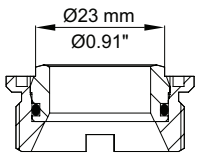
16



17



18



21 Standard

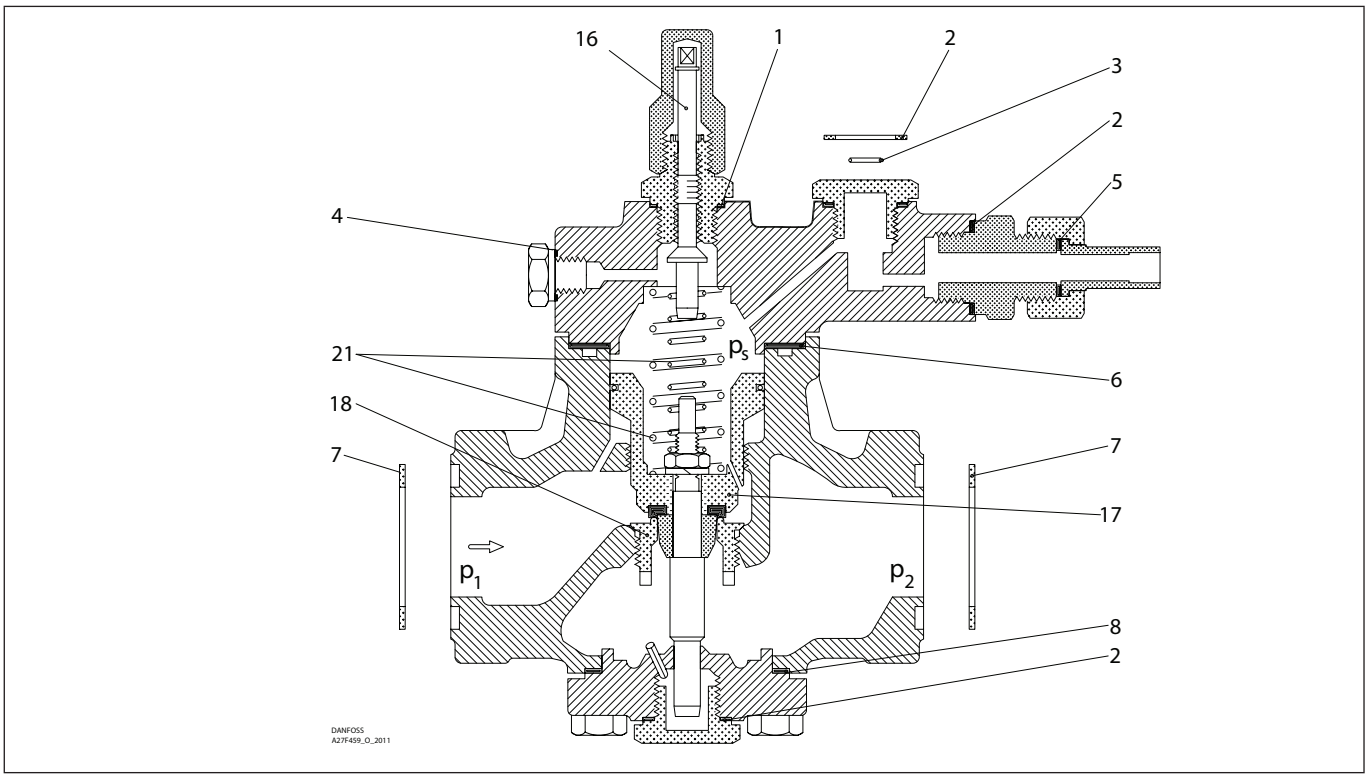


1 set

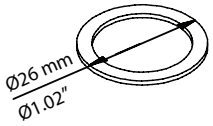
* The spare part is included in the package but is not used for PMFL size 80-5.

For identification and installation of Weak and Strong spring sets please see Installation guide DKRCI.PI.GE1.C

Overhaul kit | Code number 027F0635
PMFL, size 80-6

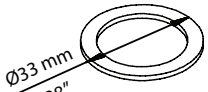


1 = Alu.



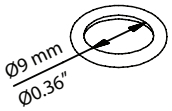
Total no. = 1

2 = Fibre



Total no. = 4

3



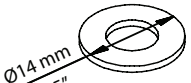
Total no. = 3

4 = Alu.



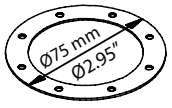
Total no. = 1

5 = Alu.



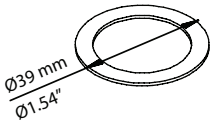
Total no. = 1

6 = Fibre



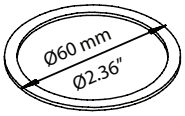
Total no. = 1

7 = Fibre



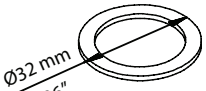
Total no. = 2

8 = Fibre



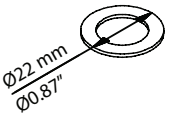
Total no. = 1

9* = Alu.



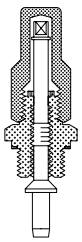
Total no. = 1

10* = Alu.

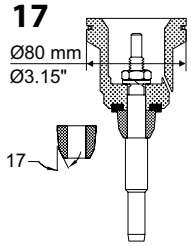


Total no. = 1

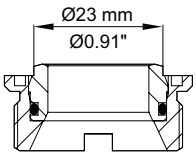
16



17



18



21 Standard

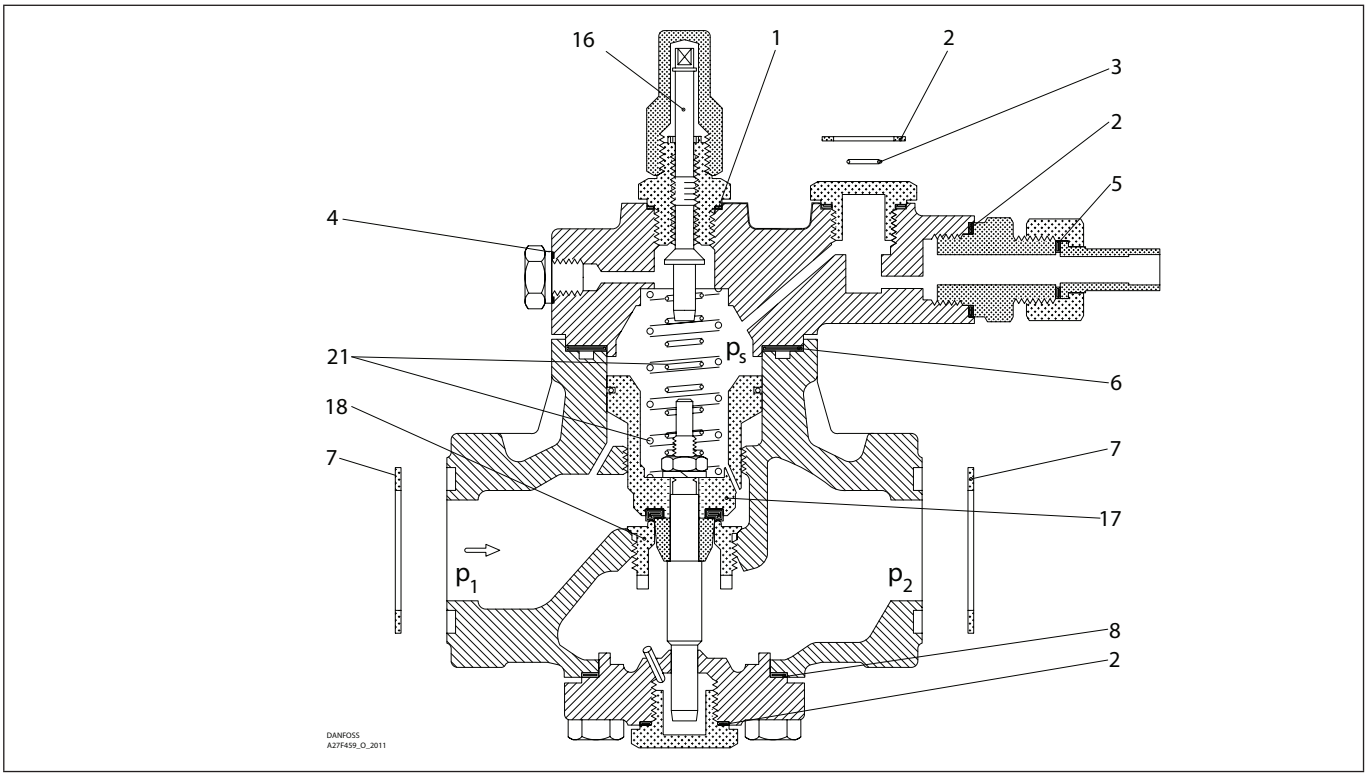


1 set

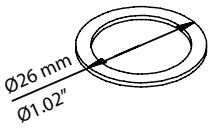
* The spare part is included in the package but is not used for PMFL size 80-6.

For identification and installation of Weak and Strong spring sets please see Installation guide DKRCI.PI.GE1.C

Overhaul kit | Code number 027F0636
PMFL, size 80-7

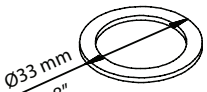


1 = Alu.



Total no. = 1

2 = Fibre



Total no. = 4

3



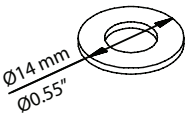
Total no. = 3

4 = Alu.



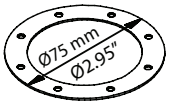
Total no. = 1

5 = Alu.



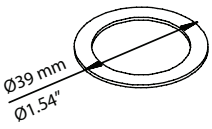
Total no. = 1

6 = Fibre



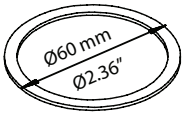
Total no. = 1

7 = Fibre



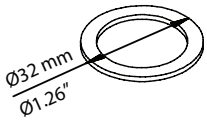
Total no. = 2

8 = Fibre



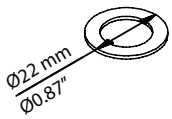
Total no. = 1

9* = Alu.



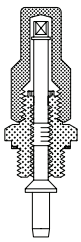
Total no. = 1

10* = Alu.

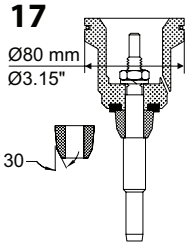


Total no. = 1

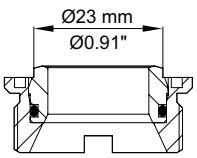
16



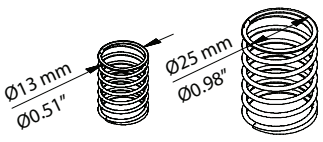
17



18



21 Standard

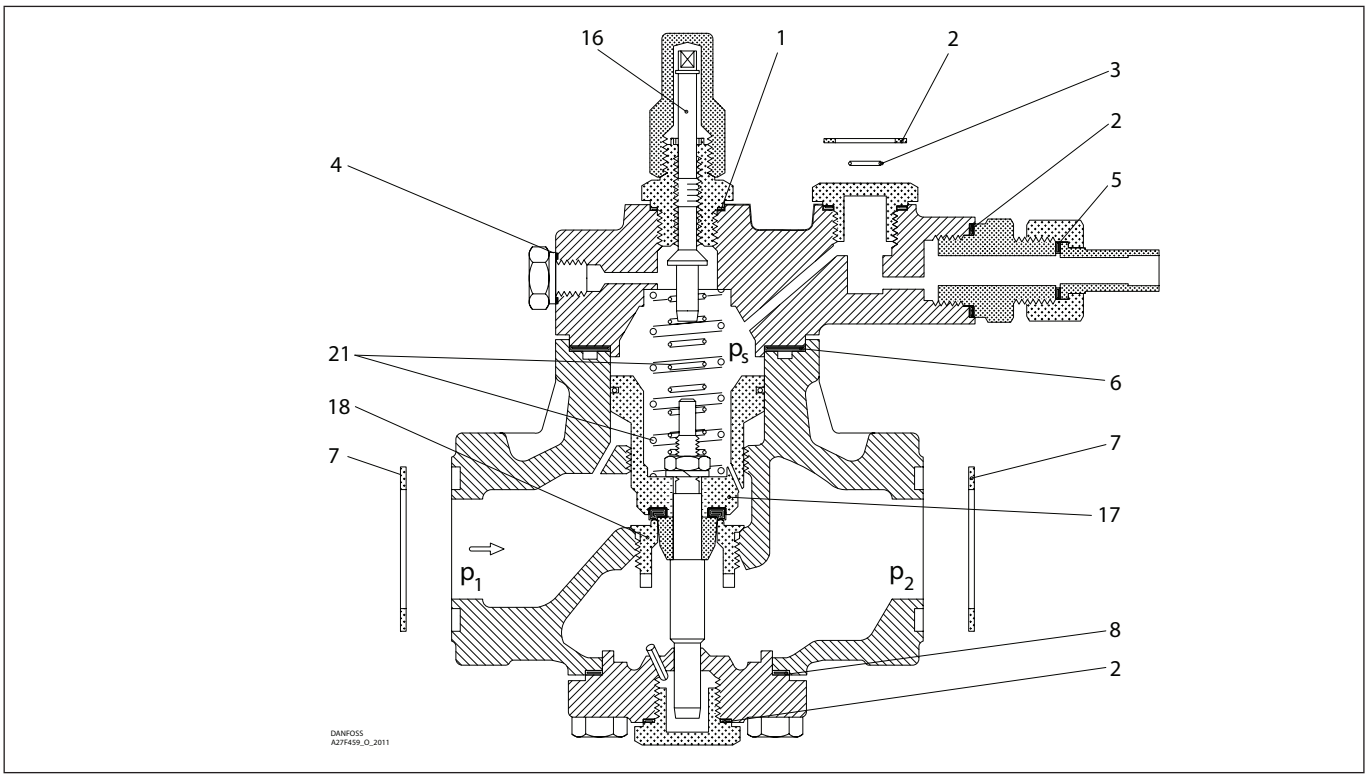


1 set

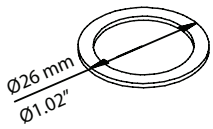
* The spare part is included in the package but is not used for PMFL size 80-7.

For identification and installation of Weak and Strong spring sets please see Installation guide DKRCI.PI.GE1.C

Overhaul kit | Code number 027F0637
PMFL, size 125

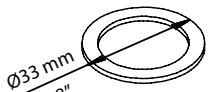


1 = Alu.



Total no. = 1

2 = Fibre



Total no. = 4

3



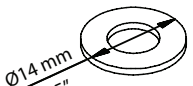
Total no. = 3

4 = Alu.



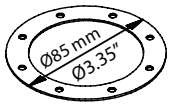
Total no. = 1

5 = Alu.



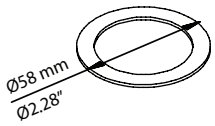
Total no. = 1

6 = Fibre



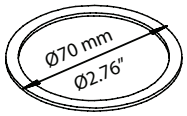
Total no. = 1

7 = Fibre



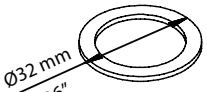
Total no. = 2

8 = Fibre



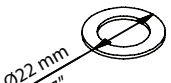
Total no. = 1

9* = Alu.



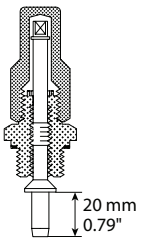
Total no. = 1

10* = Alu.

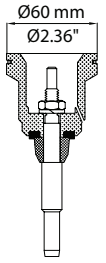


Total no. = 1

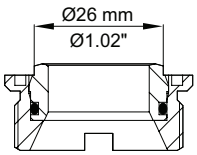
16



17



18



21 Standard

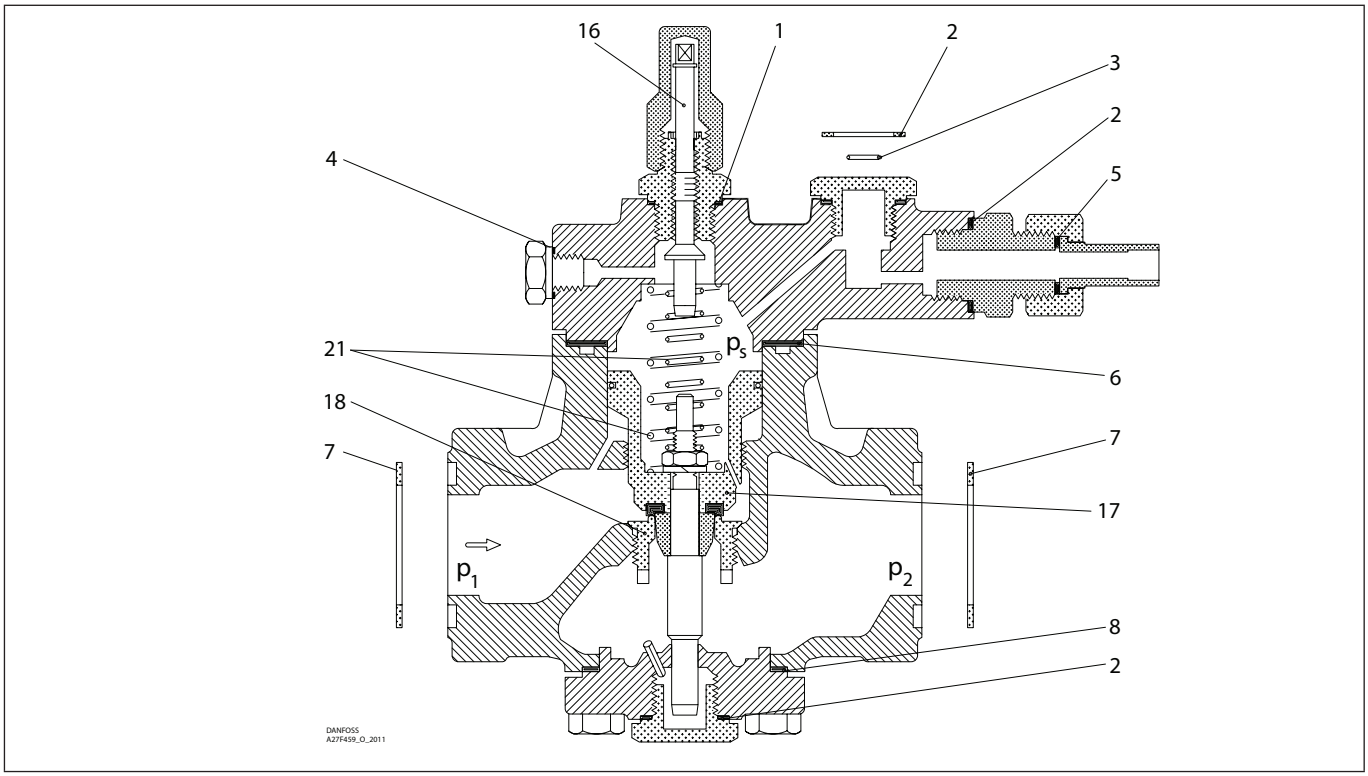


1 set

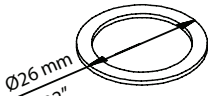
* The spare part is included in the package but is not used for PMFL size 125.

For identification and installation of Weak and Strong spring sets please see Installation guide DKRCI.PI.GE1.C

Overhaul kit | Code number 027F0638
PMFL, size 200

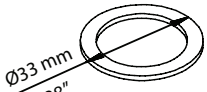


1 = Alu.



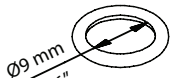
Total no. = 1

2 = Fibre



Total no. = 4

3



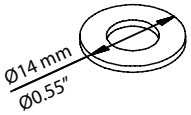
Total no. = 3

4 = Alu.



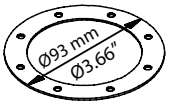
Total no. = 1

5 = Alu.



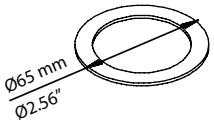
Total no. = 1

6 = Fibre



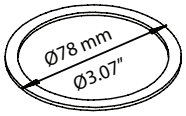
Total no. = 1

7 = Fibre



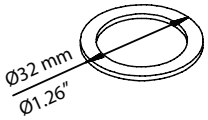
Total no. = 2

8 = Fibre



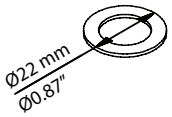
Total no. = 1

9* = Alu.



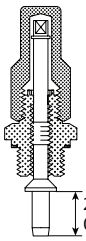
Total no. = 1

10* = Alu.

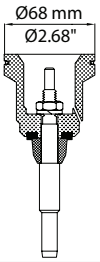


Total no. = 1

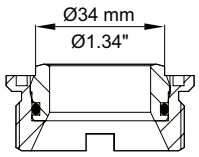
16



17



18



21 Standard

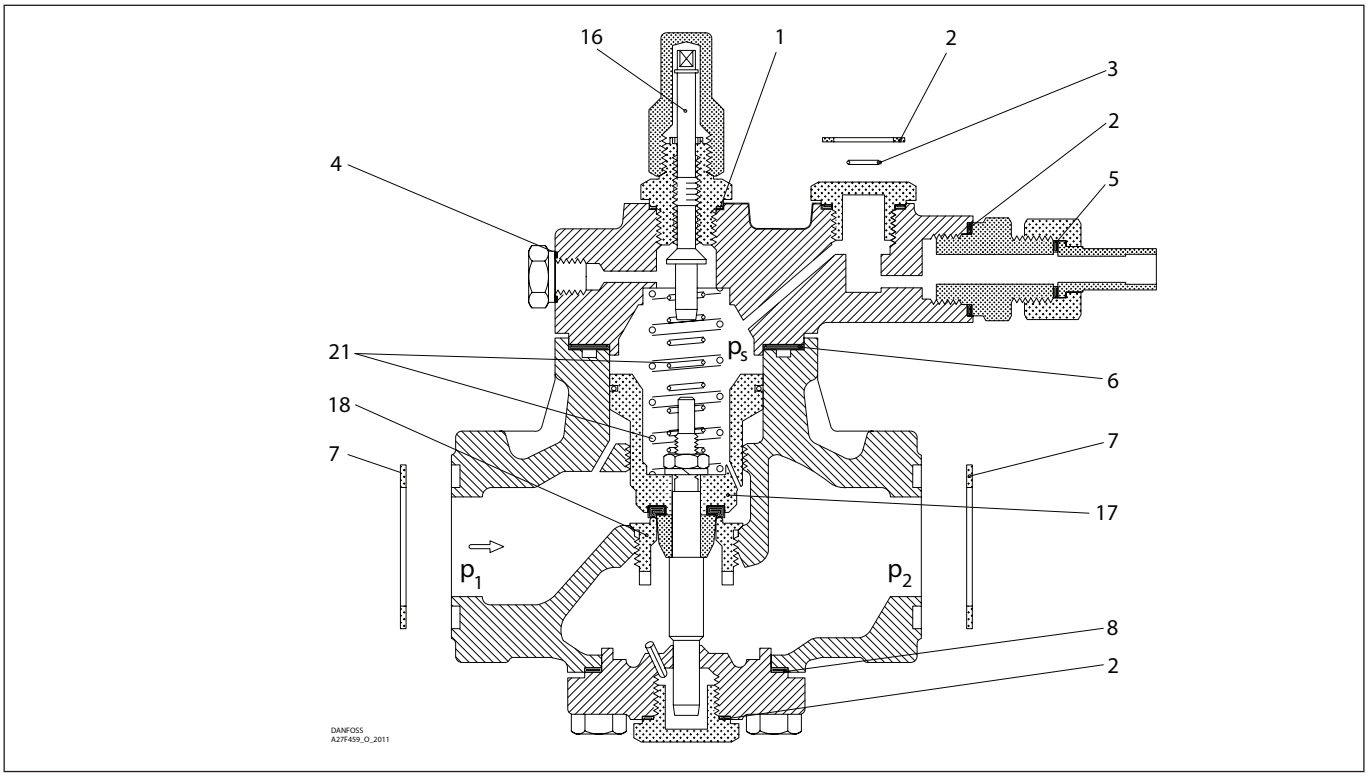


1 set

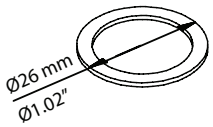
* The spare part is included in the package but is not used for PMFL size 200.

For identification and installation of Weak and Strong spring sets please see Installation guide DKRCI.PI.GE1.C

Overhaul kit | Code number 027F0639
PMFL, size 300

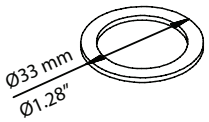


1 = Alu.



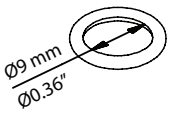
Total no. = 1

2 = Fibre



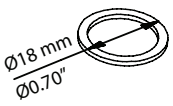
Total no. = 4

3



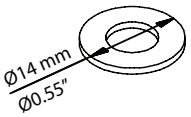
Total no. = 3

4 = Alu.



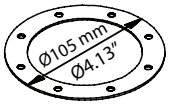
Total no. = 1

5 = Alu.



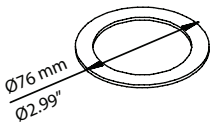
Total no. = 1

6 = Fibre



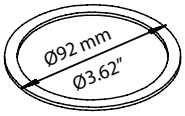
Total no. = 1

7 = Fibre



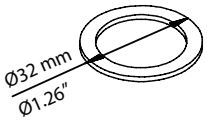
Total no. = 2

8 = Fibre



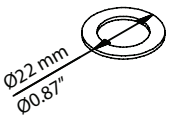
Total no. = 1

9* = Alu.



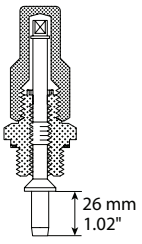
Total no. = 1

10* = Alu.

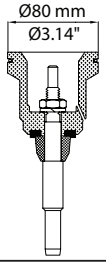


Total no. = 1

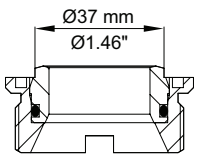
16



17



18



21 Standard

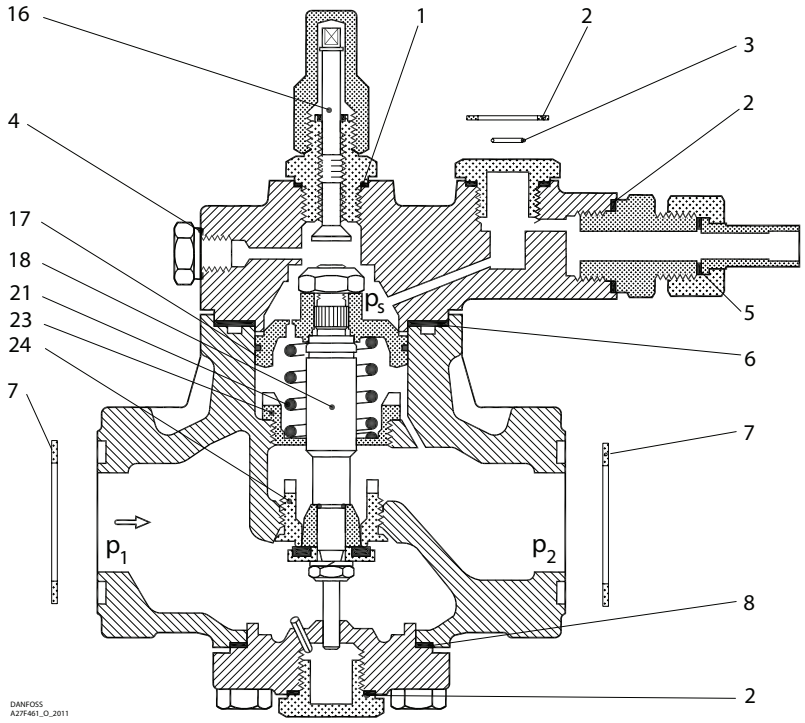


1 set

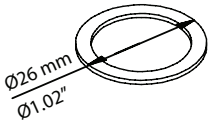
* The spare part is included in the package but is not used for PMFL size 300.

For identification and installation of Weak and Strong spring sets please see Installation guide DKRCI.PI.GE1.C

Overhaul kit | Code number 027F0663
PMFH, size 80-2

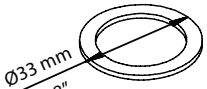


1 = Alu.



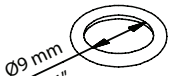
Total no. = 1

2 = Fibre



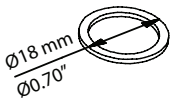
Total no. = 4

3



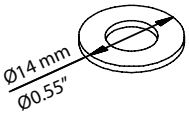
Total no. = 3

4 = Alu.



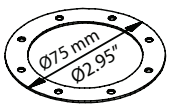
Total no. = 1

5 = Alu.



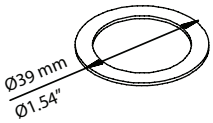
Total no. = 1

6 = Fibre



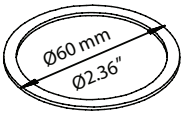
Total no. = 1

7 = Fibre



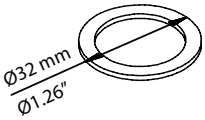
Total no. = 2

8 = Fibre



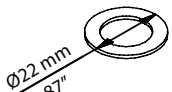
Total no. = 1

9* = Alu.



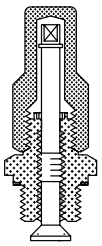
Total no. = 1

10* = Alu.

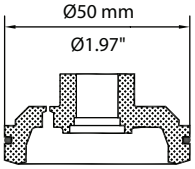


Total no. = 1

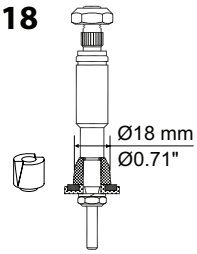
16



17

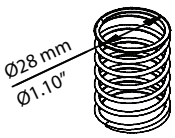


18



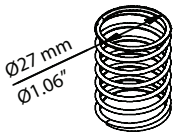
21

Standard



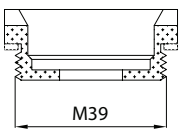
Total no. = 1

Weak

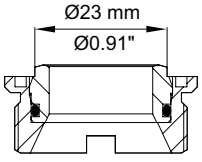


Total no. = 1

23

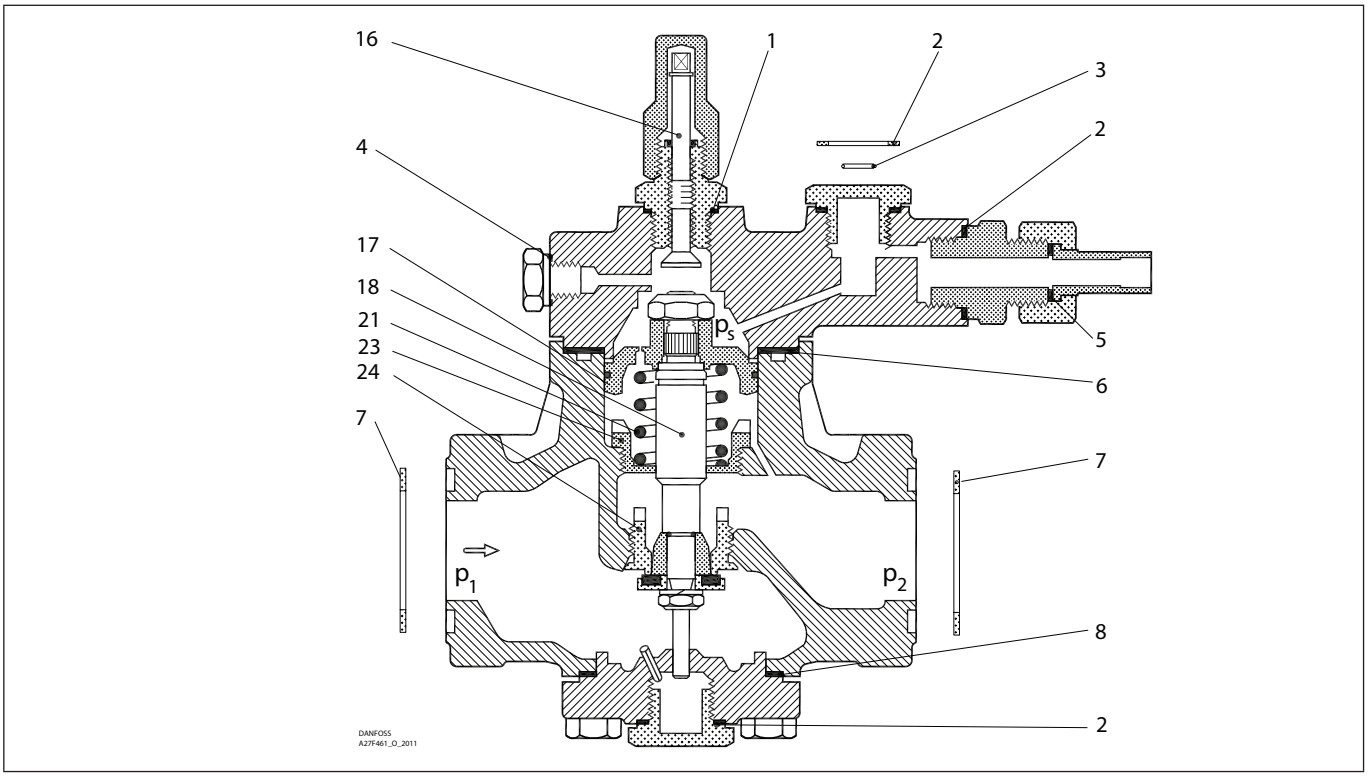


24

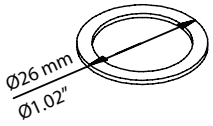


* The spare part is included in the package but is not used for PMFH size 80-2.

Overhaul kit | Code number 027F0669
PMFH, size 80-3

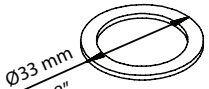


1 = Alu.



Total no. = 1

2 = Fibre



Total no. = 4

3



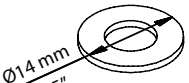
Total no. = 3

4 = Alu.



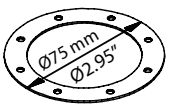
Total no. = 1

5 = Alu.



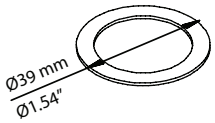
Total no. = 1

6 = Fibre



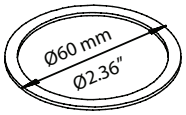
Total no. = 1

7 = Fibre



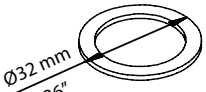
Total no. = 2

8 = Fibre



Total no. = 1

9* = Alu.



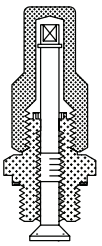
Total no. = 1

10* = Alu.

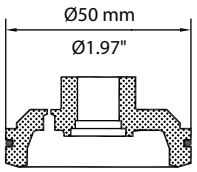


Total no. = 1

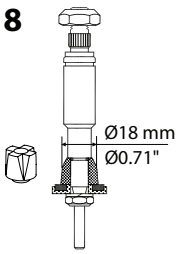
16



17

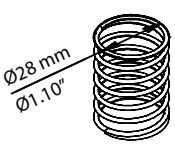


18



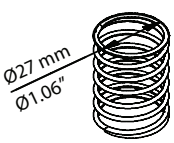
21

Standard



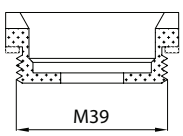
Total no. = 1

Weak

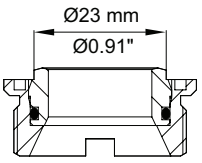


Total no. = 1

23

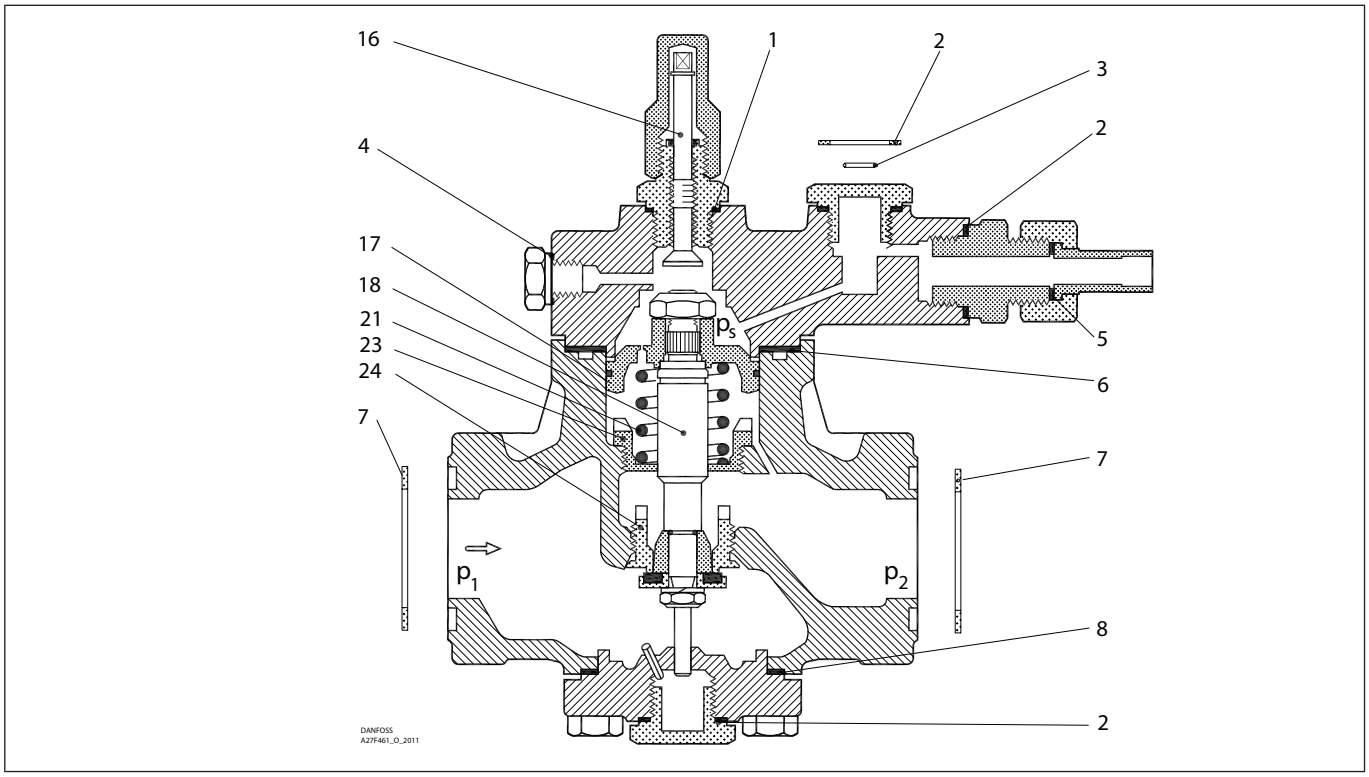


24

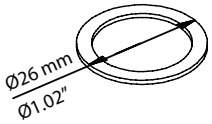


* The spare part is included in the package but is not used for PMFH size 80-3.

Overhaul kit | Code number 027F0676
PMFH, size 80-4

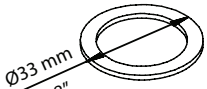


1 = Alu.



Total no. = 1

2 = Fibre



Total no. = 4

3



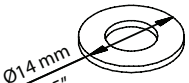
Total no. = 3

4 = Alu.



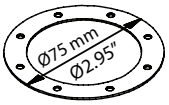
Total no. = 1

5 = Alu.



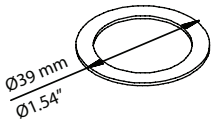
Total no. = 1

6 = Fibre



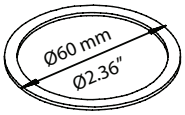
Total no. = 1

7 = Fibre



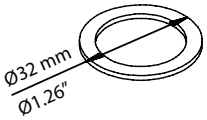
Total no. = 2

8 = Fibre



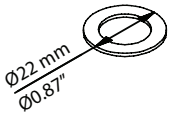
Total no. = 1

9* = Alu.



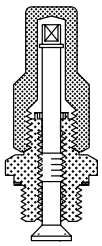
Total no. = 1

10* = Alu.

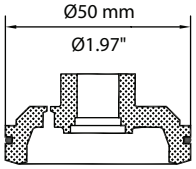


Total no. = 1

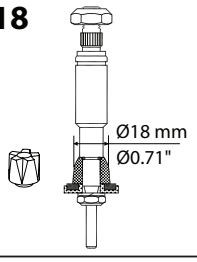
16



17

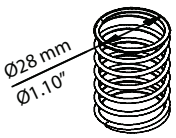


18



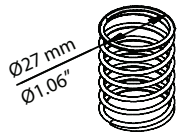
21

Standard



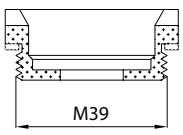
Total no. = 1

Weak

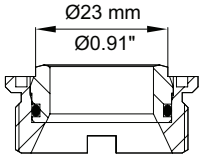


Total no. = 1

23

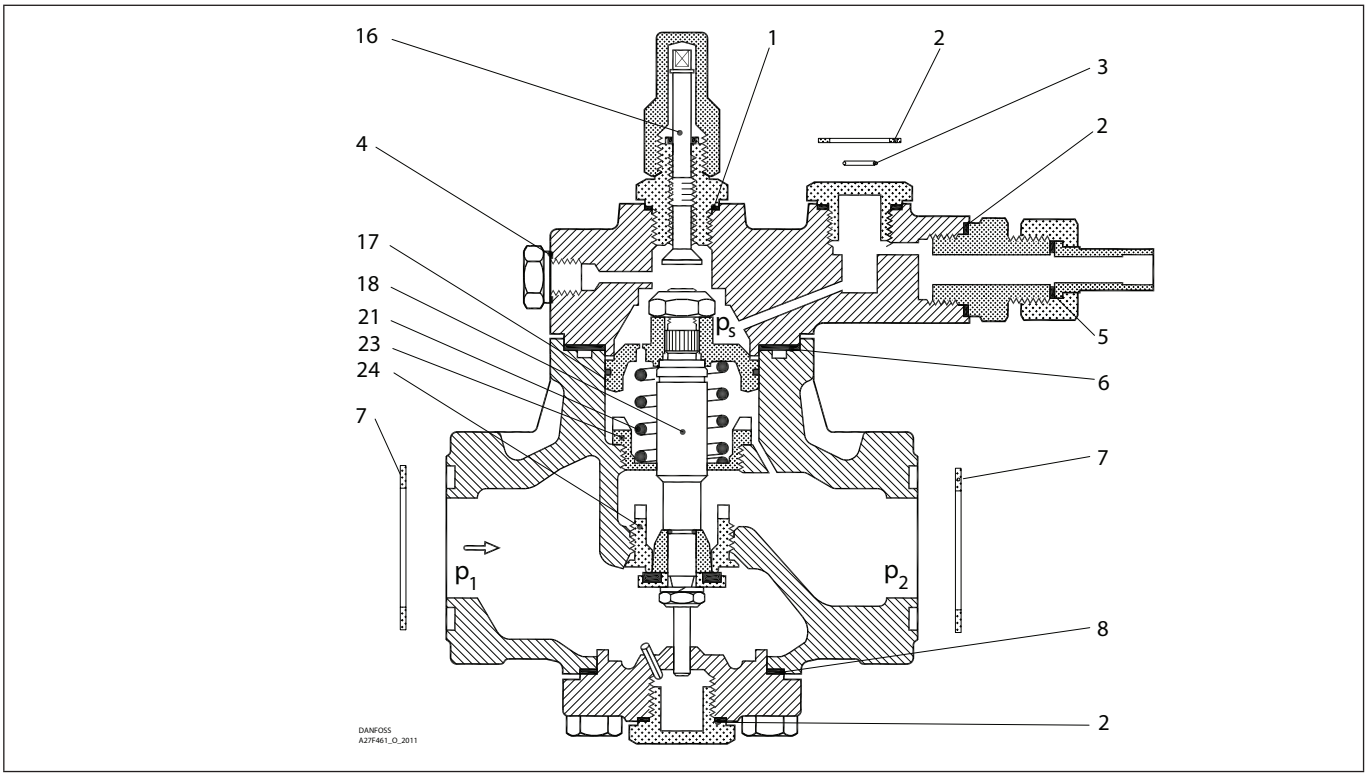


24

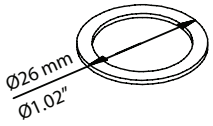


* The spare part is included in the package but is not used for PMFH size 80-4.

Overhaul kit | Code number 027F0677
PMFH, size 80-5

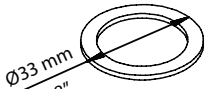


1 = Alu.



Total no. = 1

2 = Fibre



Total no. = 4

3



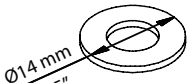
Total no. = 3

4 = Alu.



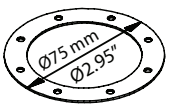
Total no. = 1

5 = Alu.



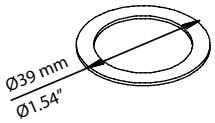
Total no. = 1

6 = Fibre



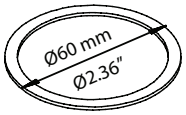
Total no. = 1

7 = Fibre



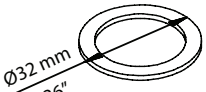
Total no. = 2

8 = Fibre



Total no. = 1

9* = Alu.



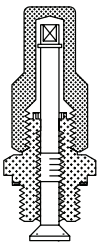
Total no. = 1

10* = Alu.

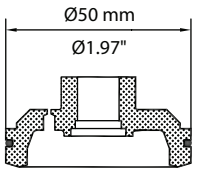


Total no. = 1

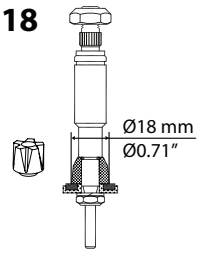
16



17

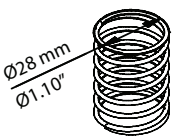


18



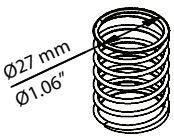
21

Standard



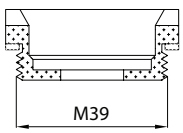
Total no. = 1

Weak

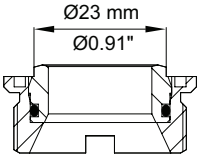


Total no. = 1

23

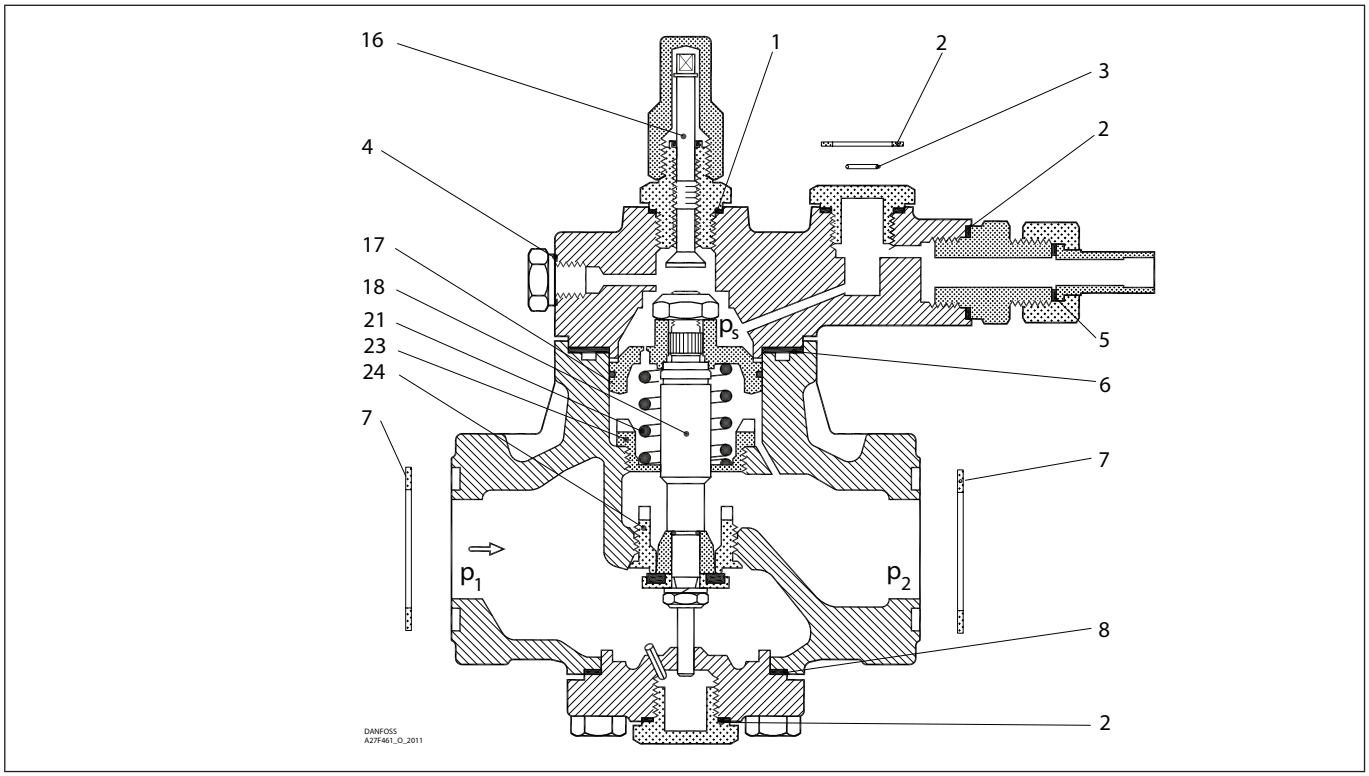


24



* The spare part is included in the package but is not used for PMFH size 80-5.

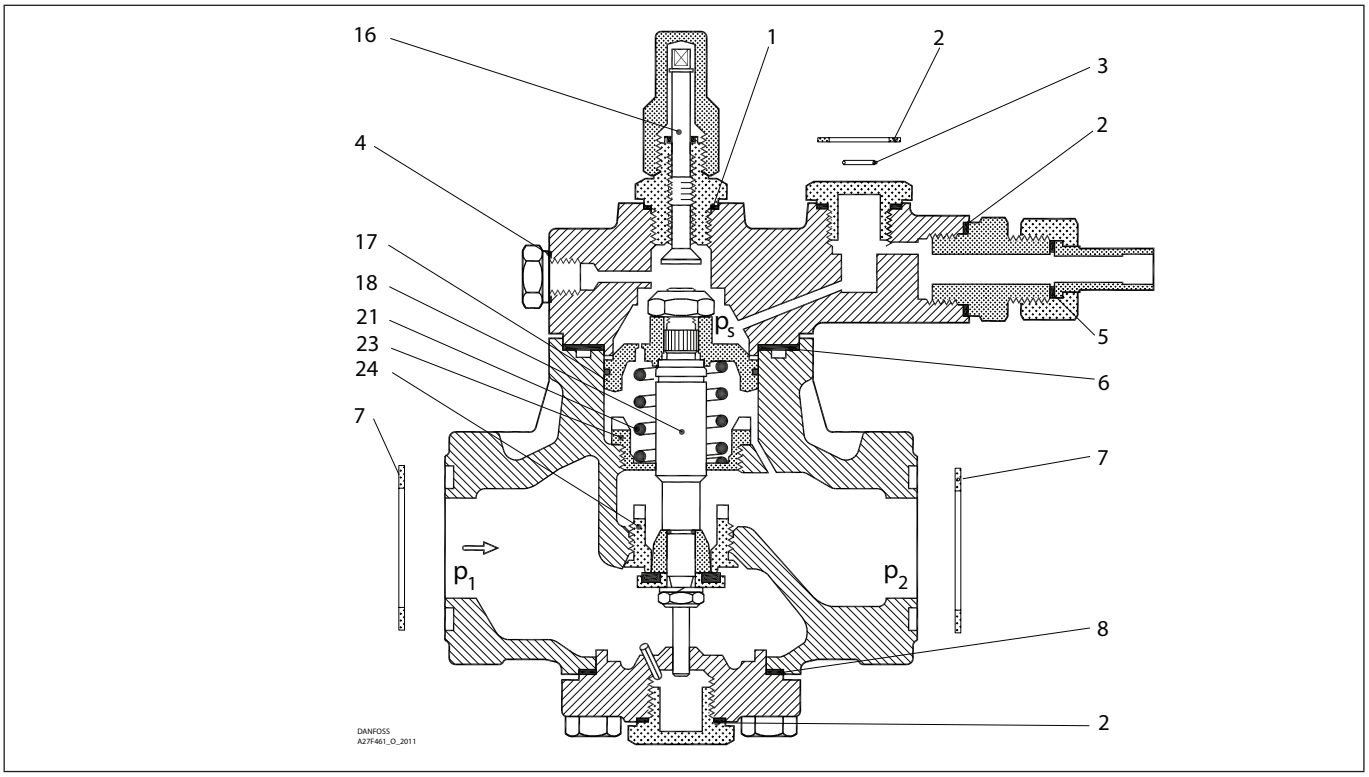
Overhaul kit | Code number 027F0678
PMFH, size 80-6



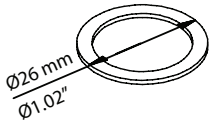
1 = Alu. Ø26 mm / Ø1.02" Total no. = 1	**2** = Fibre Ø33 mm / Ø1.28" Total no. = 4	**3** Ø9 mm / Ø0.36" Total no. = 3	**4** = Alu. Ø18 mm / Ø0.70" Total no. = 1	**5** = Alu. Ø14 mm / Ø0.55" Total no. = 1	**6** = Fibre Ø75 mm / Ø2.95" Total no. = 1
7 = Fibre Ø39 mm / Ø1.54" Total no. = 2	**8** = Fibre Ø60 mm / Ø2.36" Total no. = 1	**9*** = Alu. Ø32 mm / Ø1.26" Total no. = 1	**10*** = Alu. Ø22 mm / Ø0.87" Total no. = 1	**16**	**17** Ø50 mm / Ø1.97"
18 Ø18 mm / Ø0.71"	**21** Standard: Ø28 mm / Ø1.10", Total no. = 1 Weak: Ø27 mm / Ø1.06", Total no. = 1		**23** M39	**24** Ø23 mm / Ø0.91"	

* The spare part is included in the package but is not used for PMFH size 80-6.

Overhaul kit | Code number 027F0700
PMFH, size 80-7

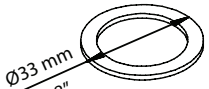


1 = Alu.



Total no. = 1

2 = Fibre



Total no. = 4

3



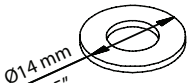
Total no. = 3

4 = Alu.



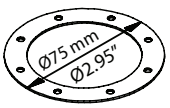
Total no. = 1

5 = Alu.



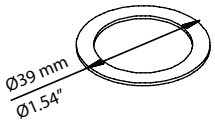
Total no. = 1

6 = Fibre



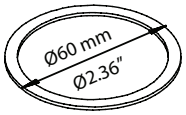
Total no. = 1

7 = Fibre



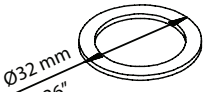
Total no. = 2

8 = Fibre



Total no. = 1

9* = Alu.



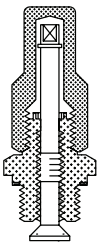
Total no. = 1

10* = Alu.

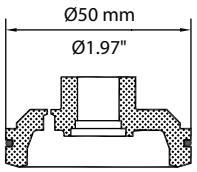


Total no. = 1

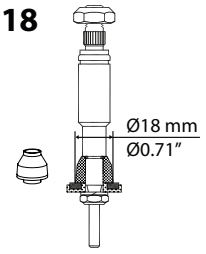
16



17

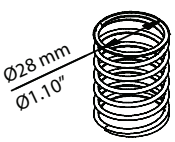


18



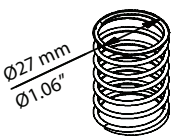
21

Standard



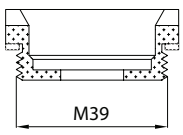
Total no. = 1

Weak

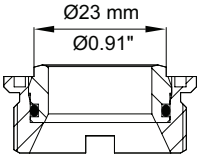


Total no. = 1

23

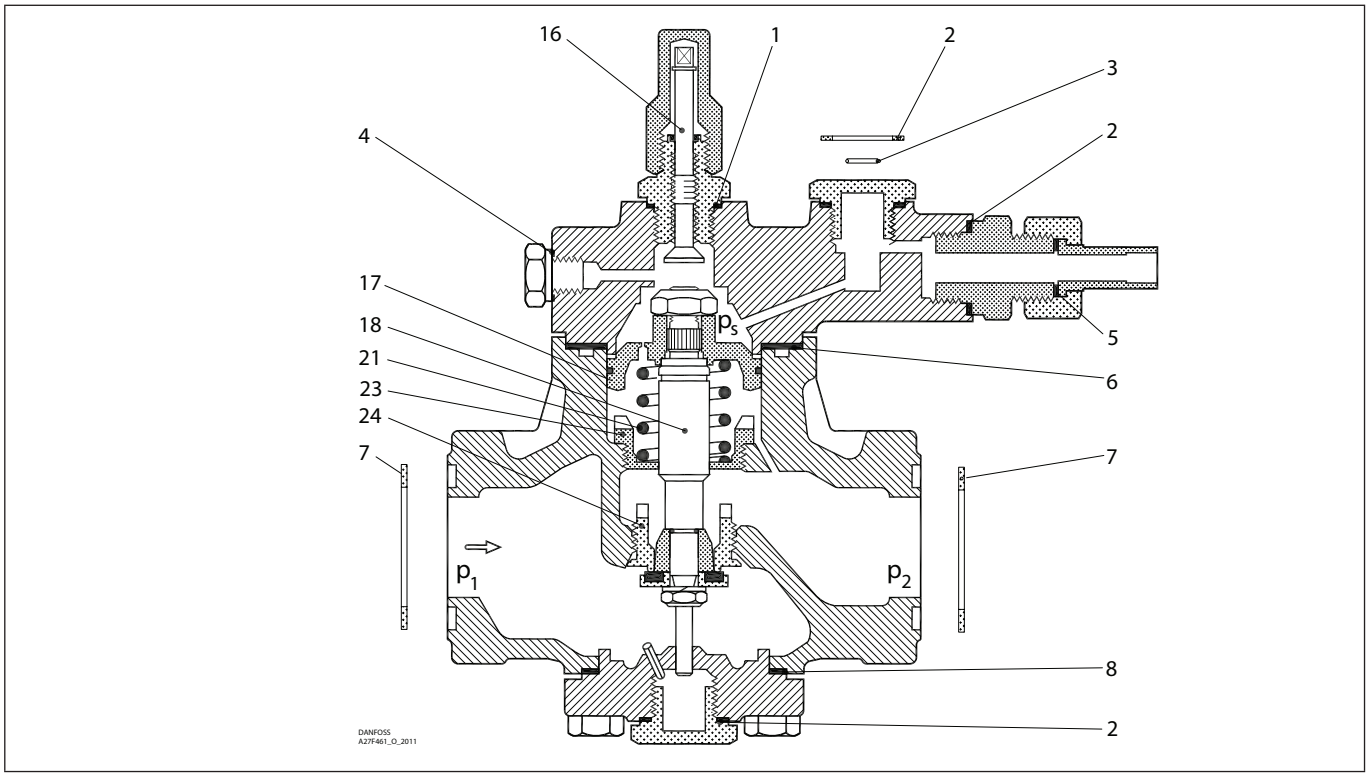


24



* The spare part is included in the package but is not used for PMFH size 80-7.

Overhaul kit | Code number 027F0704
PMFH, size 125



1 = Alu.
Ø26 mm / Ø1.02"
Total no. = 1

2 = Fibre
Ø33 mm / Ø1.28"
Total no. = 4

3
Ø9 mm / Ø0.36"
Total no. = 3

4 = Alu.
Ø18 mm / Ø0.70"
Total no. = 1

5 = Alu.
Ø22 mm / Ø0.87"
Total no. = 1

6 = Fibre
Ø85 mm / Ø3.35"
Total no. = 1

7 = Fibre
Ø58 mm / Ø2.28"
Total no. = 2

8 = Fibre
Ø70 mm / Ø2.76"
Total no. = 1

9* = Alu.
Ø32 mm / Ø1.26"
Total no. = 1

10* = Alu.
Ø22 mm / Ø0.87"
Total no. = 1

16

17
Ø60 mm / Ø2.36"

18
Ø21 mm / Ø0.83"

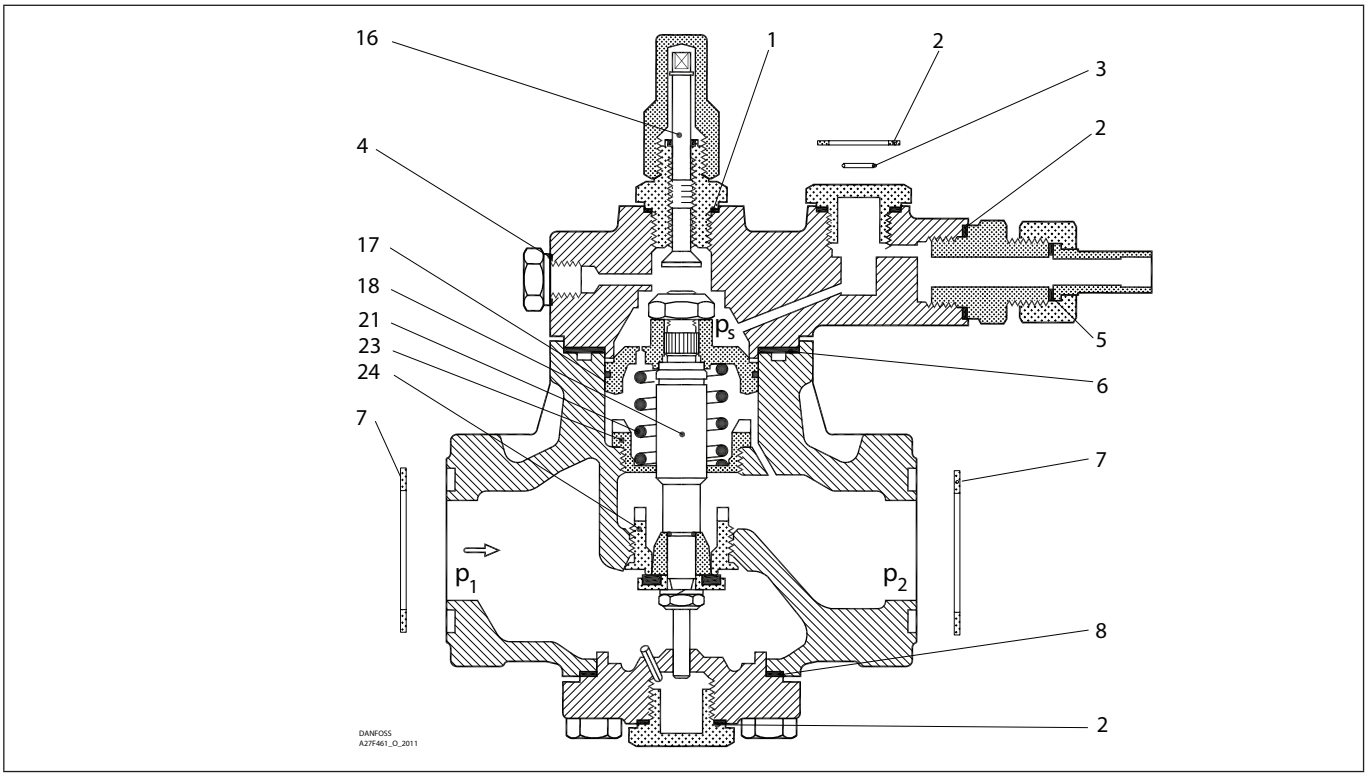
21
Standard
Ø29 mm / Ø1.14"
Total no. = 1
Weak
Ø27 mm / Ø1.06"
Total no. = 1

23
M48

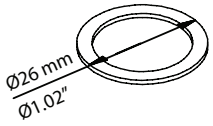
24
Ø26 mm / Ø1.02"

* The spare part is included in the package but is not used for PMFH size 125.

Overhaul kit | Code number 027F0705
PMFH, size 200

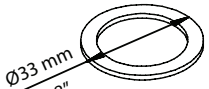


1 = Alu.



Total no. = 1

2 = Fibre



Total no. = 4

3



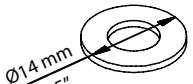
Total no. = 3

4 = Alu.



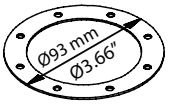
Total no. = 1

5 = Alu.



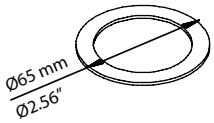
Total no. = 1

6 = Fibre



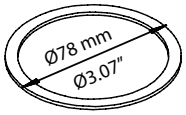
Total no. = 1

7 = Fibre



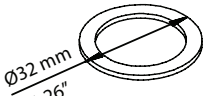
Total no. = 2

8 = Fibre



Total no. = 1

9* = Alu.



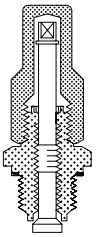
Total no. = 1

10* = Alu.

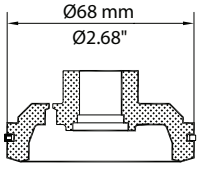


Total no. = 1

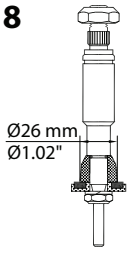
16



17

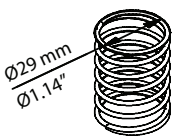


18



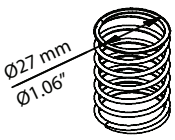
21

Standard



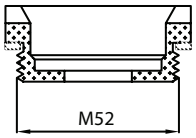
Total no. = 1

Weak

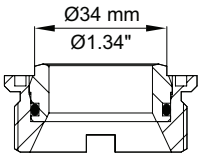


Total no. = 1

23

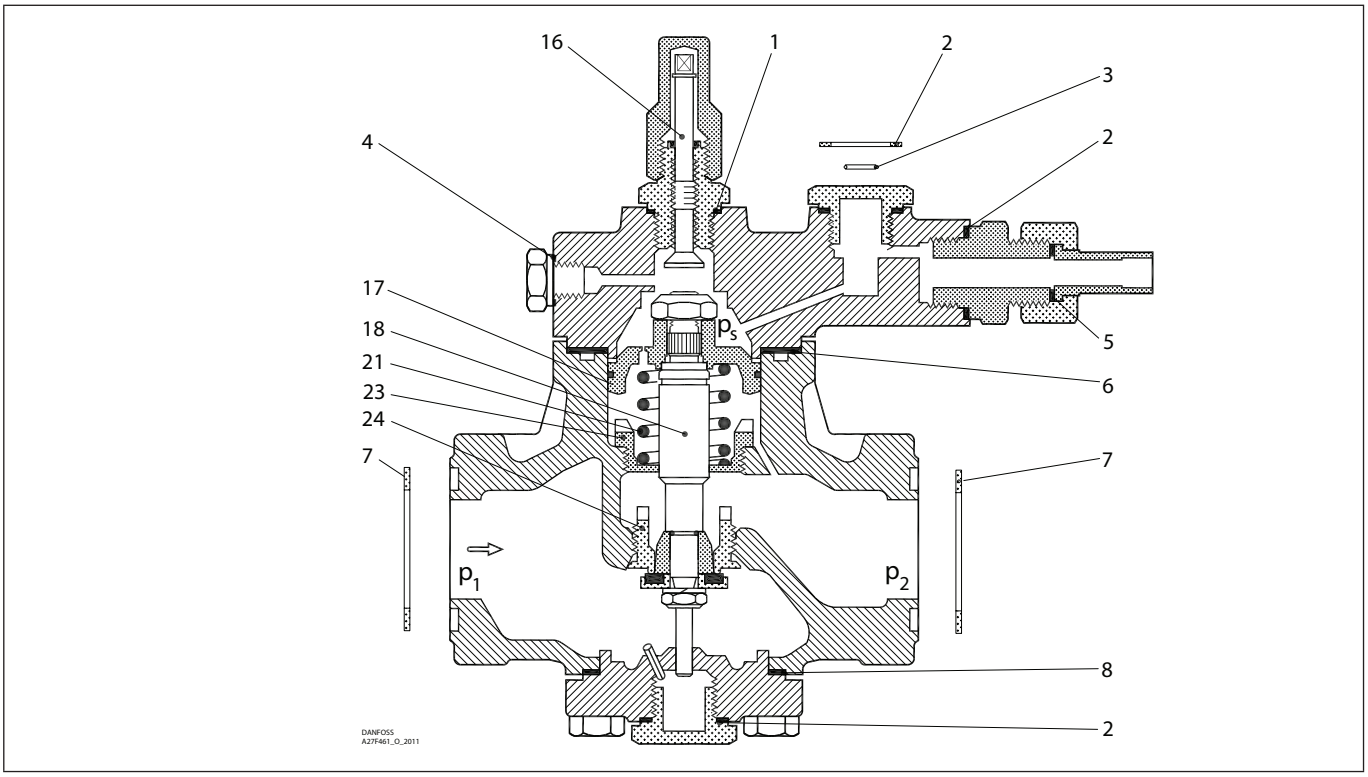


24

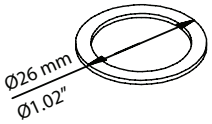


* The spare part is included in the package but is not used for PMFH size 200.

Overhaul kit | Code number 027F0709
PMFH, size 300

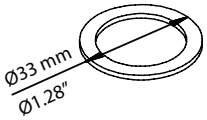


1 = Alu.



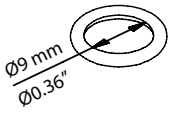
Total no. = 1

2 = Fibre



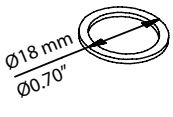
Total no. = 4

3



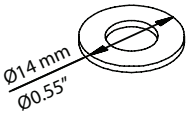
Total no. = 3

4 = Alu.



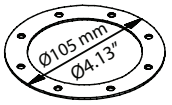
Total no. = 1

5 = Alu.



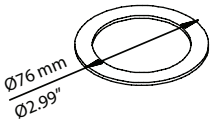
Total no. = 1

6 = Fibre



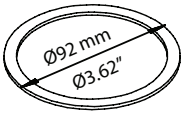
Total no. = 1

7 = Fibre



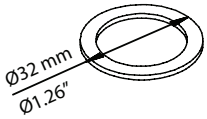
Total no. = 2

8 = Fibre



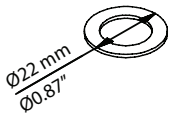
Total no. = 1

9* = Alu.



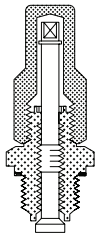
Total no. = 1

10* = Alu.

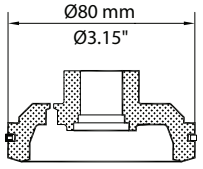


Total no. = 1

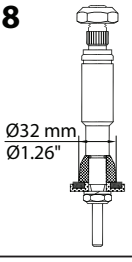
16



17

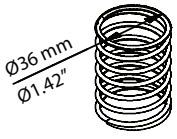


18



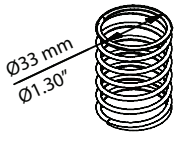
21

Standard



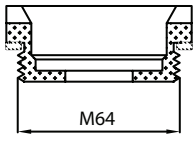
Total no. = 1

Weak

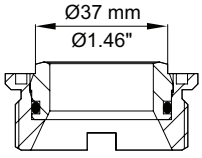


Total no. = 1

23

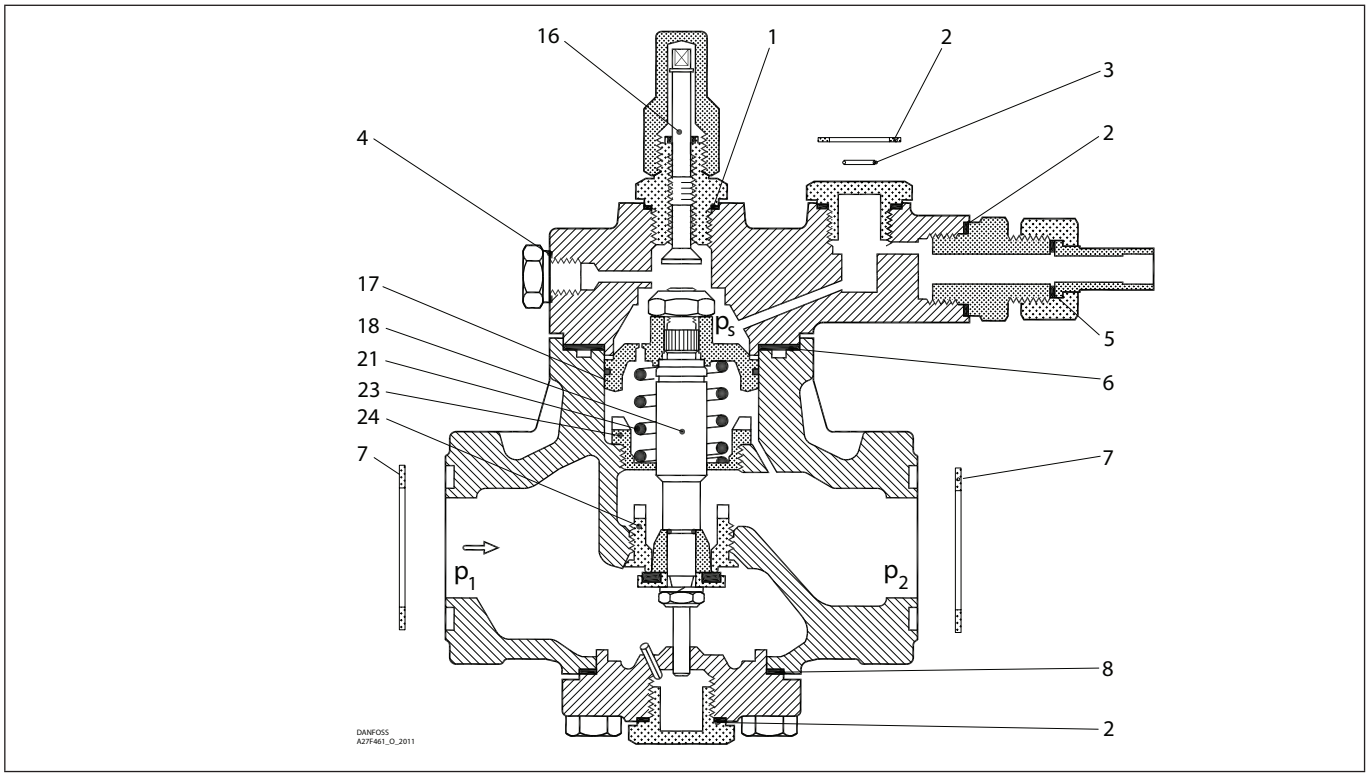


24

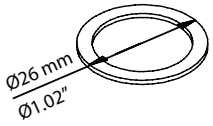


* The spare part is included in the package but is not used for PMFH size 300.

Overhaul kit | Code number 027F0710
PMFH, size 500

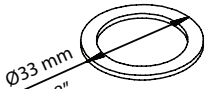


1 = Alu.



Total no. = 1

2 = Fibre



Total no. = 4

3



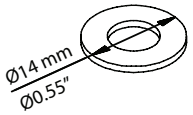
Total no. = 3

4 = Alu.



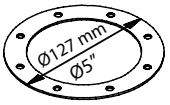
Total no. = 1

5 = Alu.



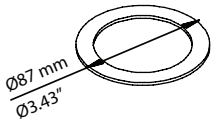
Total no. = 1

6 = Fibre



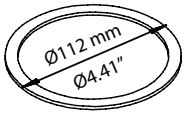
Total no. = 1

7 = Fibre



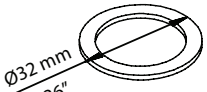
Total no. = 2

8 = Fibre



Total no. = 1

9* = Alu.



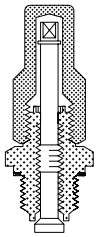
Total no. = 1

10* = Alu.

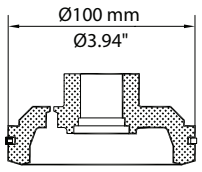


Total no. = 1

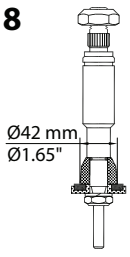
16



17

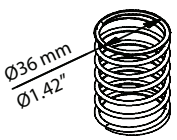


18



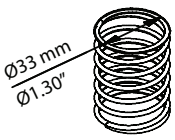
21

Standard



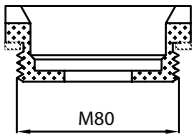
Total no. = 1

Weak

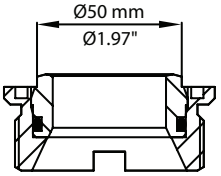


Total no. = 1

23

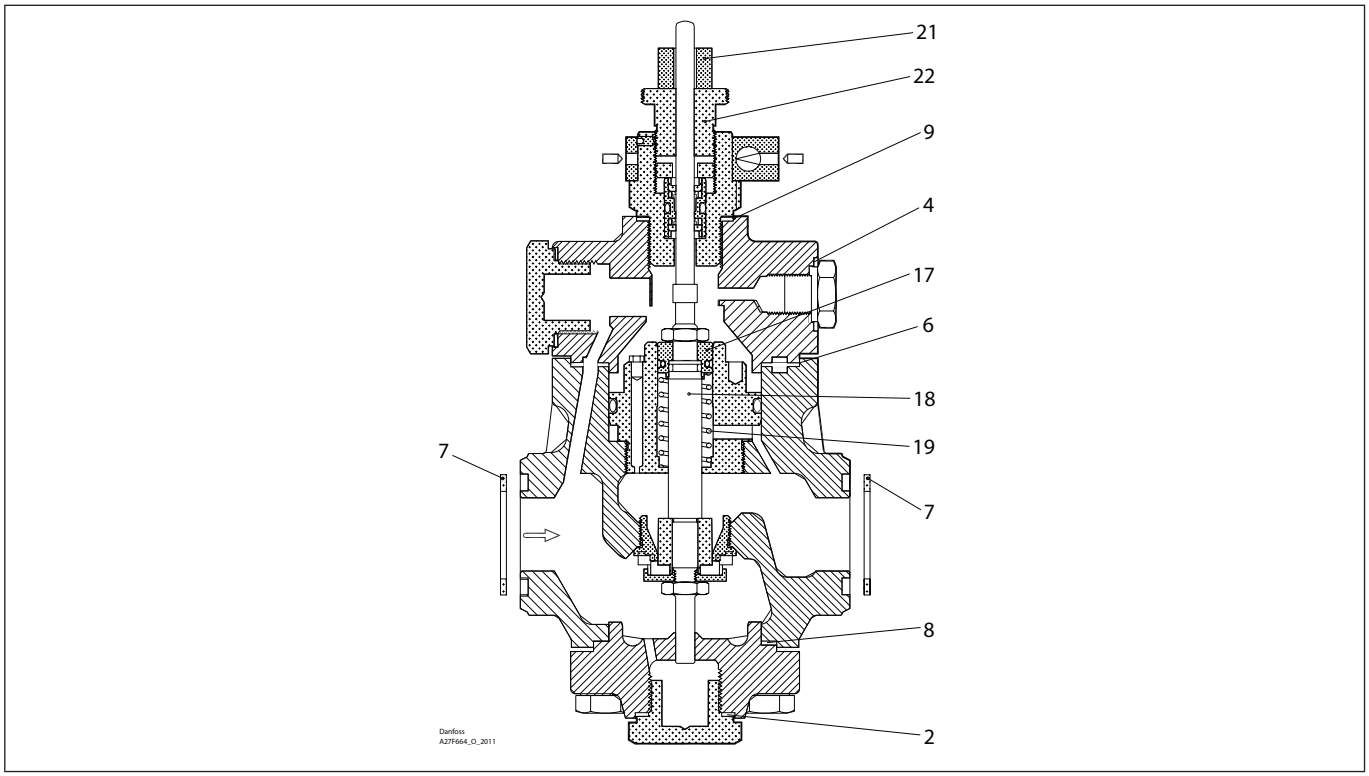


24



* The spare part is included in the package but is not used for PMFH size 500.

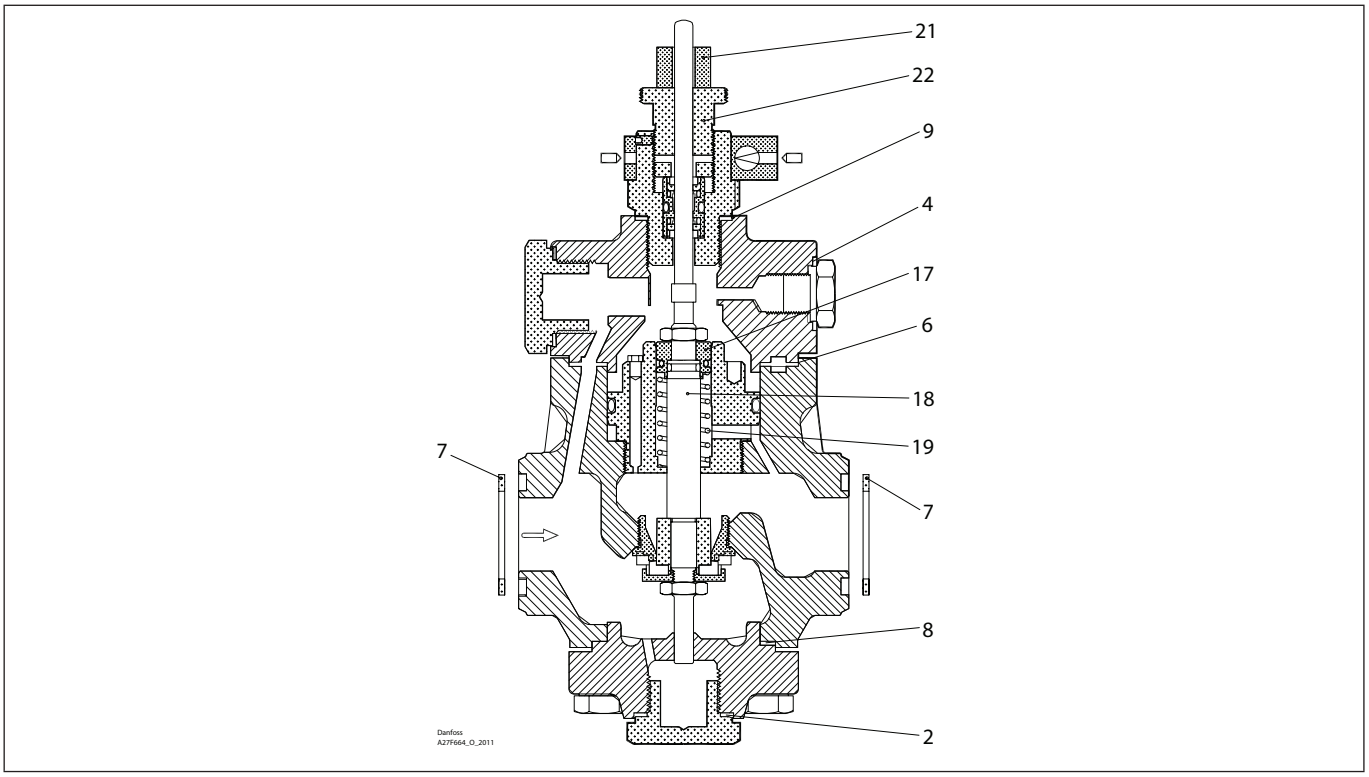
Overhaul kit | Code number 027F0760
MEV, size 80-2



1* = Alu. Ø26 mm Ø1.02" Total no. = 1	**2** = Fibre Ø33 mm Ø1.28" Total no. = 4	**3*** Ø9 mm Ø0.36" Total no. = 3
4 = Alu. Ø18 mm Ø0.70" Total no. = 1	**5*** = Alu. Ø14 mm Ø0.55" Total no. = 1	**6** = Fibre Ø75 mm Ø2.95" Total no. = 1
7 = Fibre Ø39 mm Ø1.54" Total no. = 2	**8** = Fibre Ø60 mm Ø2.36" Total no. = 1	**9** = Alu. Ø32 mm Ø1.26" Total no. = 1
10* = Alu. Ø22 mm Ø0.87" Total no. = 1	**17** Ø18 mm Ø0.71"	**18** Ø18 mm Ø0.71"
19 Ø16 mm Ø0.63" Total no. = 1	**21** Ø17 mm Ø0.67" Total no. = 1	**22** 9mm 0.35"

* The spare part is included in the package but is not used for MEV 80-2.

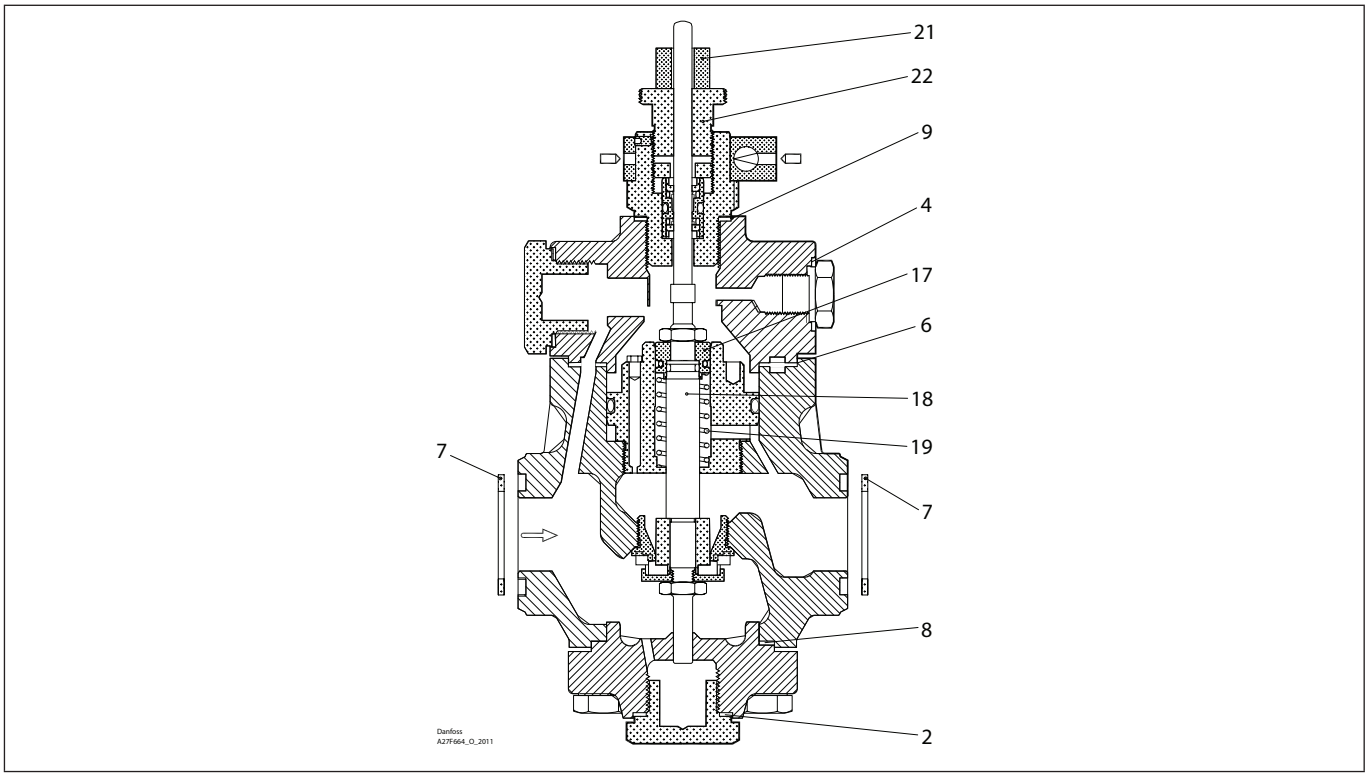
Overhaul kit | Code number 027F0762
MEV, size 80-4



1* = Alu. Ø26 mm Ø1.02" Total no. = 1	**2** = Fibre Ø33 mm Ø1.28" Total no. = 4	**3*** Ø9 mm Ø0.36" Total no. = 3	**4** = Alu. Ø18 mm Ø0.70" Total no. = 1	**5*** = Alu. Ø14 mm Ø0.55" Total no. = 1	**6** = Fibre Ø75 mm Ø2.95" Total no. = 1
7 = Fibre Ø39 mm Ø1.54" Total no. = 2	**8** = Fibre Ø60 mm Ø2.36" Total no. = 1	**9** = Alu. Ø32 mm Ø1.26" Total no. = 1	**10*** = Alu. Ø22 mm Ø0.87" Total no. = 1	**17** Ø18 mm Ø0.71"	**18** Ø18 mm Ø0.71"
19 Ø16 mm Ø0.63" Total no. = 1	**21** Ø17 mm Ø0.67" Total no. = 1	**22** 9mm 0.35"			

* The spare part is included in the package but is not used for MEV 80-4.

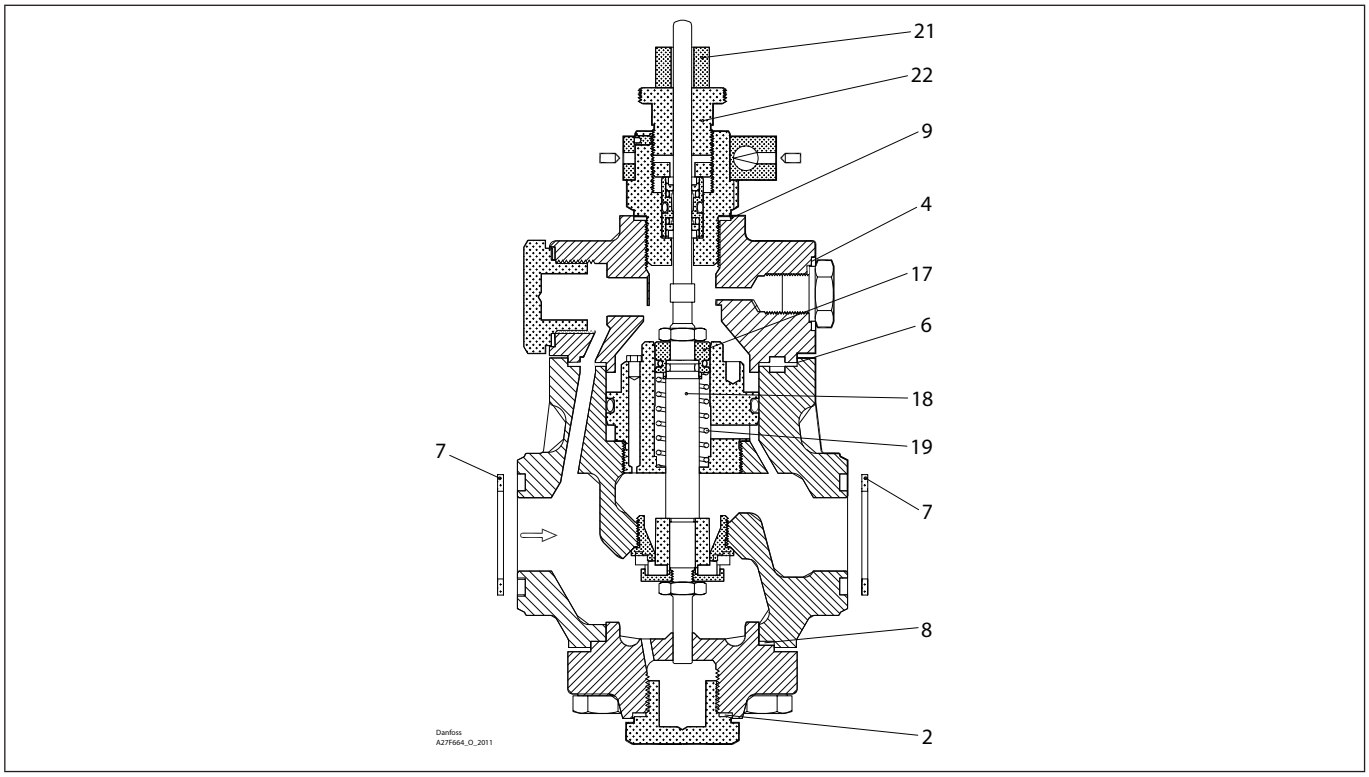
Overhaul kit | Code number 027F0763
MEV, size 80-5



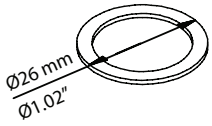
1* = Alu. Ø26 mm Ø1.02" Total no. = 1	**2** = Fibre Ø33 mm Ø1.28" Total no. = 4	**3*** Ø9 mm Ø0.36" Total no. = 3	**4** = Alu. Ø18 mm Ø0.70" Total no. = 1	**5*** = Alu. Ø14 mm Ø0.55" Total no. = 1	**6** = Fibre Ø75 mm Ø2.95" Total no. = 1
7 = Fibre Ø39 mm Ø1.54" Total no. = 2	**8** = Fibre Ø60 mm Ø2.36" Total no. = 1	**9** = Alu. Ø32 mm Ø1.26" Total no. = 1	**10*** = Alu. Ø22 mm Ø0.87" Total no. = 1	**17** Ø18 mm Ø0.71"	**18** Ø18 mm Ø0.71"
19 Ø16 mm Ø0.63" Total no. = 1	**21** Ø17 mm Ø0.67" Total no. = 1	**22** 9mm 0.35"			

* The spare part is included in the package but is not used for MEV 80-5.

Overhaul kit | Code number 027F0764
MEV, size 80-6

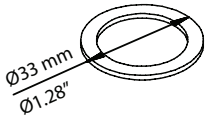


1* = Alu.



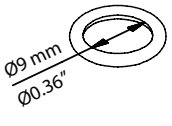
Total no. = 1

2 = Fibre



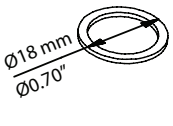
Total no. = 4

3*



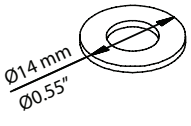
Total no. = 3

4 = Alu.



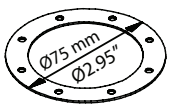
Total no. = 1

5* = Alu.



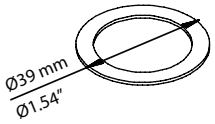
Total no. = 1

6 = Fibre



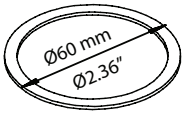
Total no. = 1

7 = Fibre



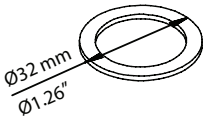
Total no. = 2

8 = Fibre



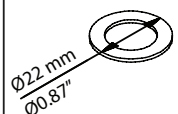
Total no. = 1

9 = Alu.



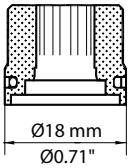
Total no. = 1

10* = Alu.

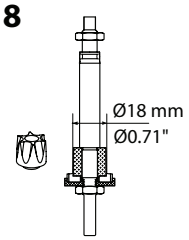


Total no. = 1

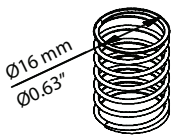
17



18

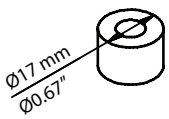


19



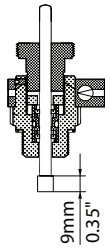
Total no. = 1

21



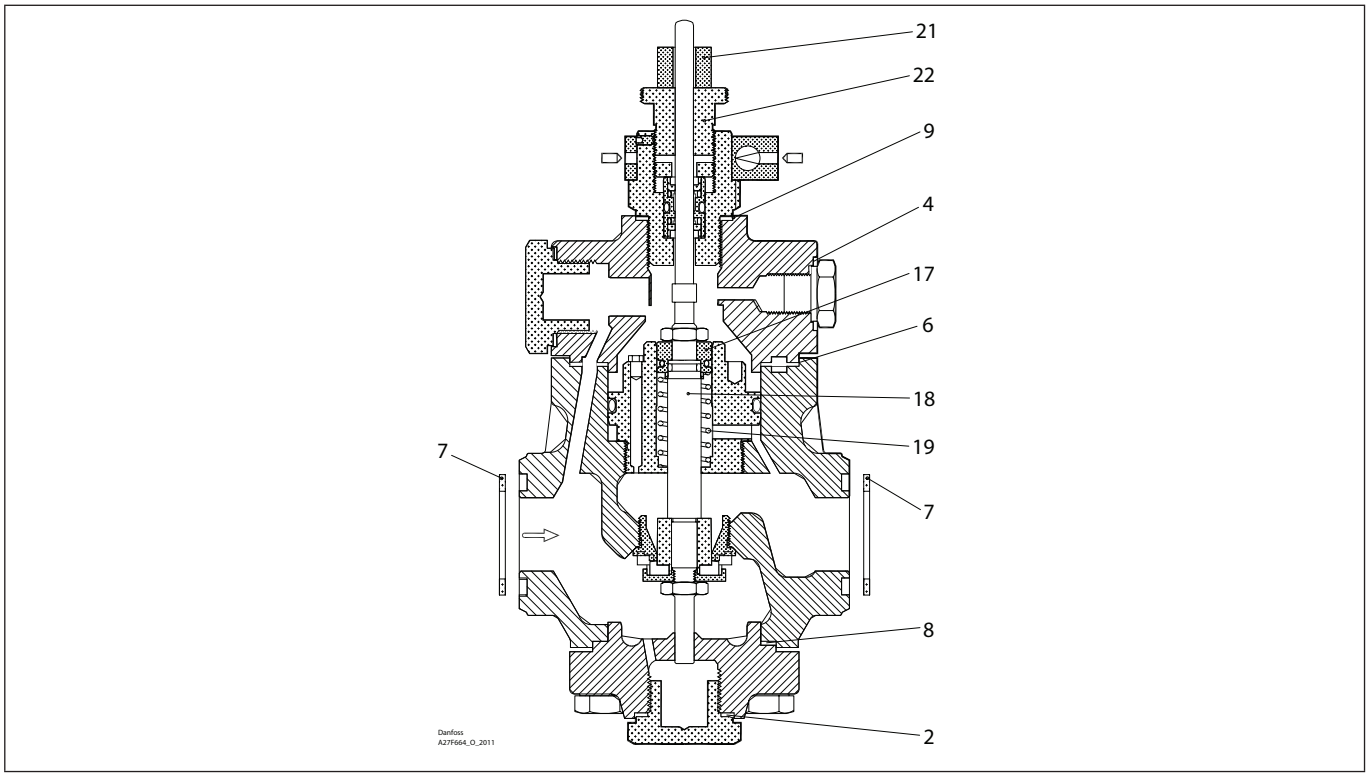
Total no. = 1

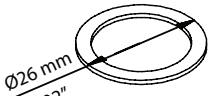
22



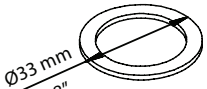
* The spare part is included in the package but is not used for MEV 80-6.

Overhaul kit | Code number 027F0765
MEV, size 80-7

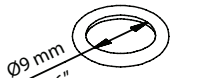


1* = Alu.


Total no. = 1

2 = Fibre


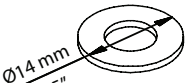
Total no. = 4

3*


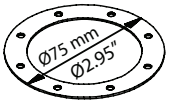
Total no. = 3

4 = Alu.

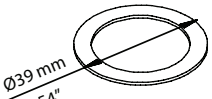

Total no. = 1

5* = Alu.


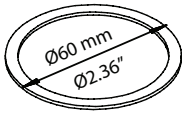
Total no. = 1

6 = Fibre


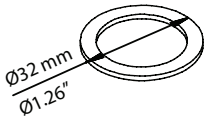
Total no. = 1

7 = Fibre


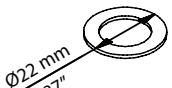
Total no. = 2

8 = Fibre


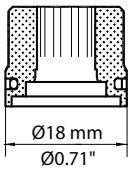
Total no. = 1

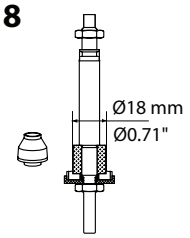
9 = Alu.


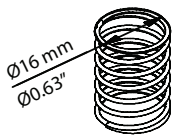
Total no. = 1

10* = Alu.


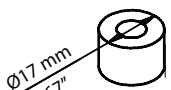
Total no. = 1

17


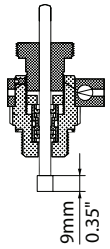
18


19


Total no. = 1

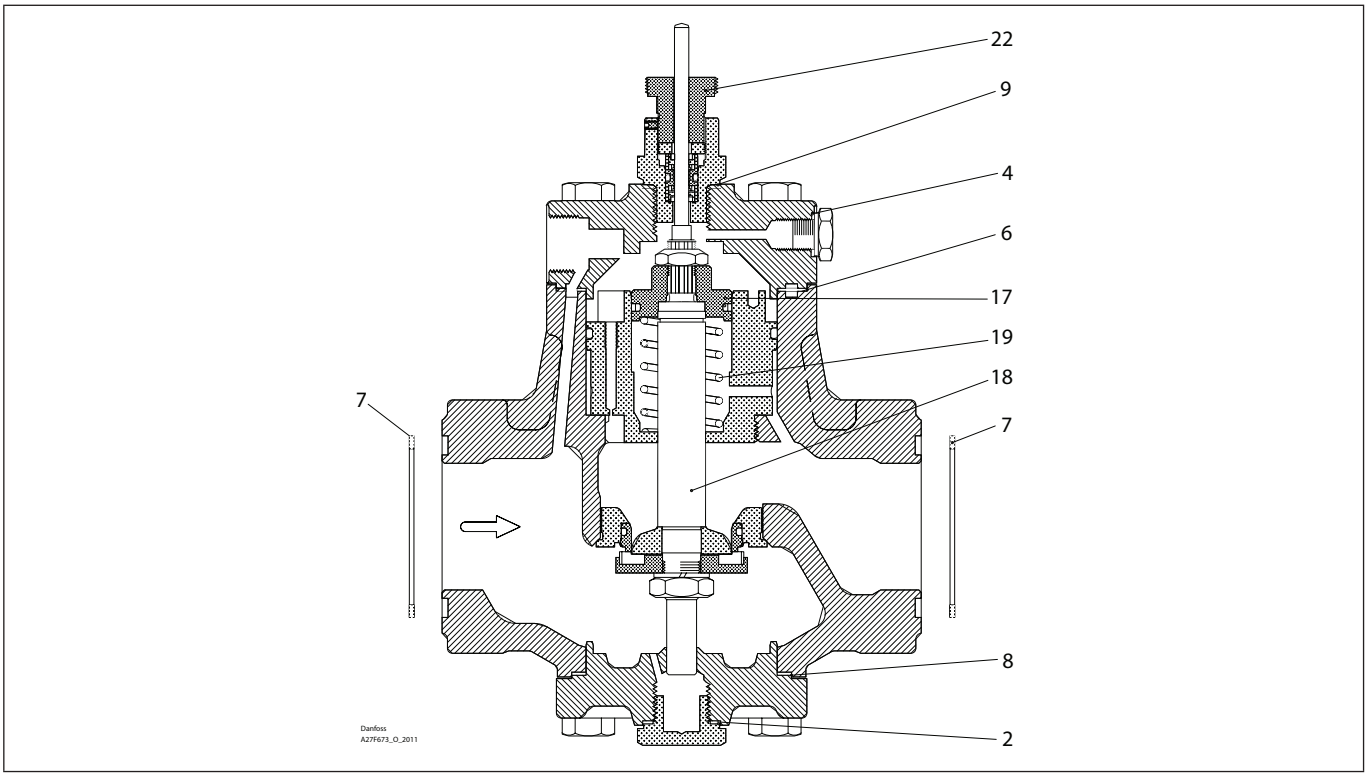
21


Total no. = 1

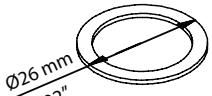
22


* The spare part is included in the package but is not used for MEV 80-7.

Overhaul kit | Code number 027F0766
MEV, size 125

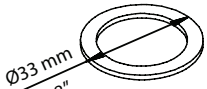


1* = Alu.



Total no. = 1

2 = Fibre



Total no. = 4

3* 



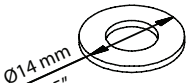
Total no. = 3

4 = Alu.



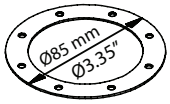
Total no. = 1

5* = Alu.



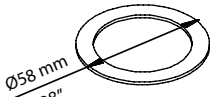
Total no. = 1

6 = Fibre



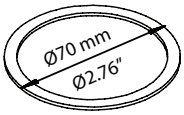
Total no. = 1

7 = Fibre



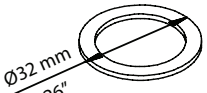
Total no. = 2

8 = Fibre



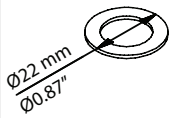
Total no. = 1

9 = Alu.



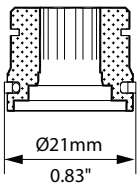
Total no. = 1

10* = Alu.

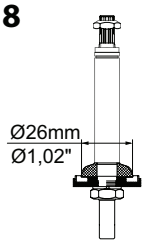


Total no. = 1

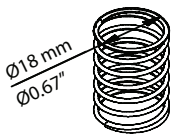
17



18

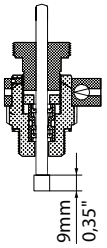


19



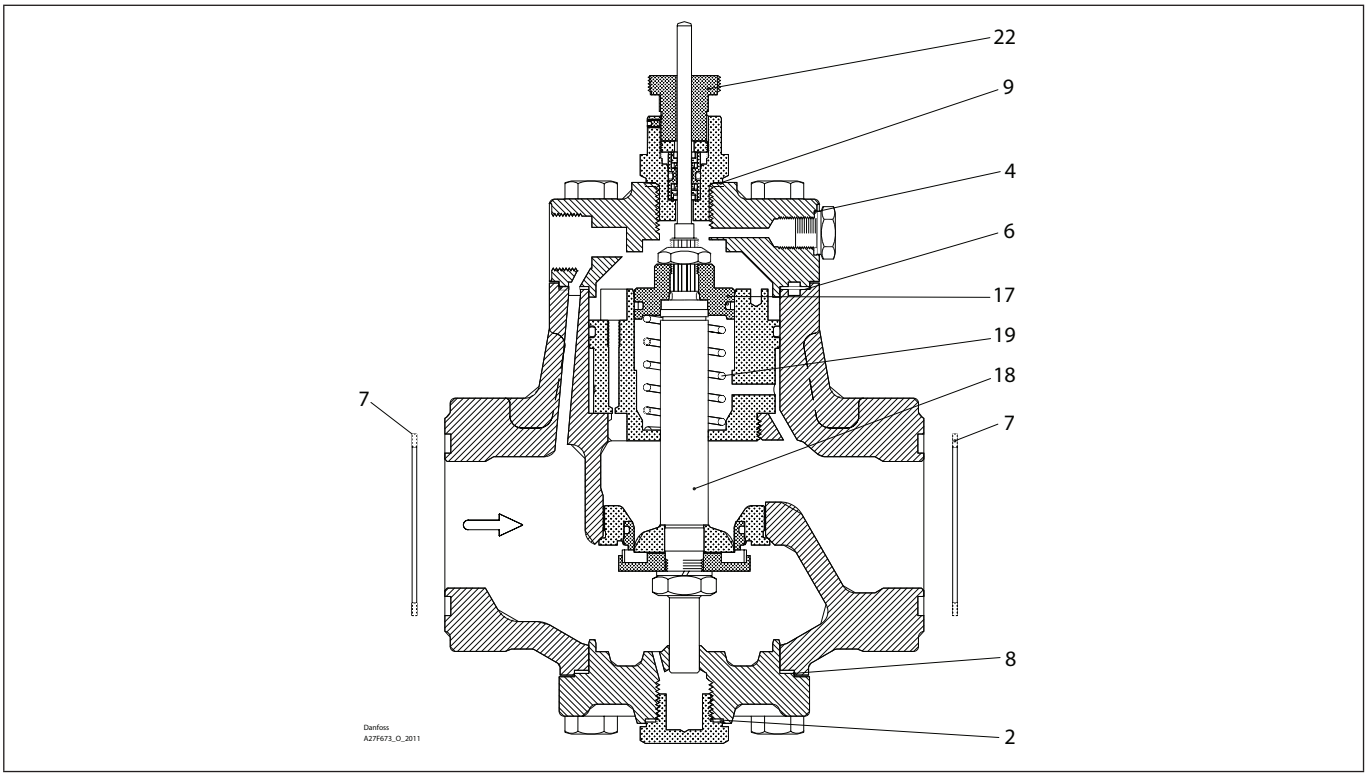
Total no. = 1

22



* The spare part is included in the package but is not used for MEV 125.

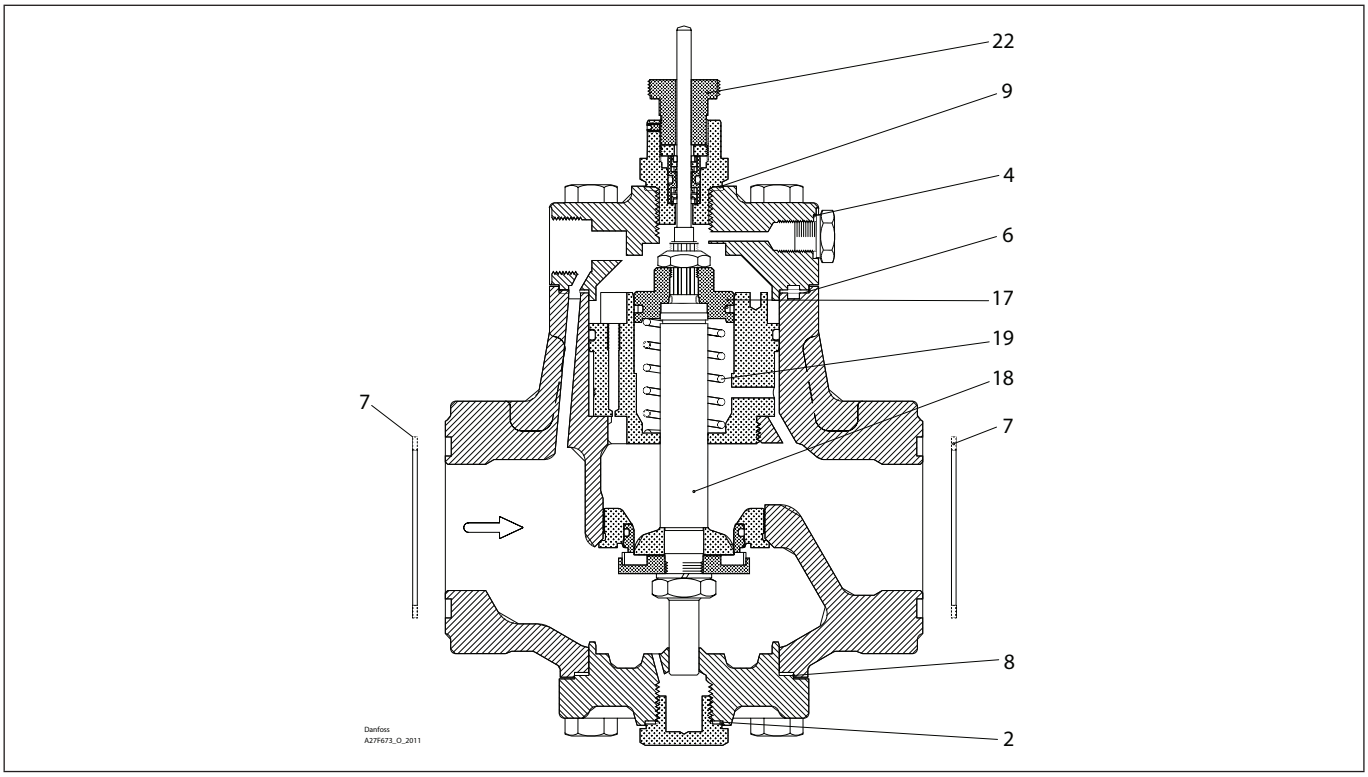
Overhaul kit | Code number 027F0767
MEV, size 200



1* = Alu. Ø26 mm Ø1.02" Total no. = 1	**2** = Fibre Ø33 mm Ø1.28" Total no. = 4	**3*** Ø9 mm Ø0.36" Total no. = 3	**4** = Alu. Ø18 mm Ø0.70" Total no. = 1	**5*** = Alu. Ø14 mm Ø0.55" Total no. = 1	**6** = Fibre Ø93 mm Ø3.66" Total no. = 1
7 = Fibre Ø65 mm Ø2.56" Total no. = 2	**8** = Fibre Ø78 mm Ø3.07" Total no. = 1	**9** = Alu. Ø32 mm Ø1.26" Total no. = 1	**10*** = Alu. Ø22 mm Ø0.87" Total no. = 1	**17** Ø26mm 1.02"	**18** Ø26mm Ø1.02"
19 Ø22 mm Ø0.87" Total no. = 1	**22** 9mm 0.35"				

* The spare part is included in the package but is not used for MEV 200.

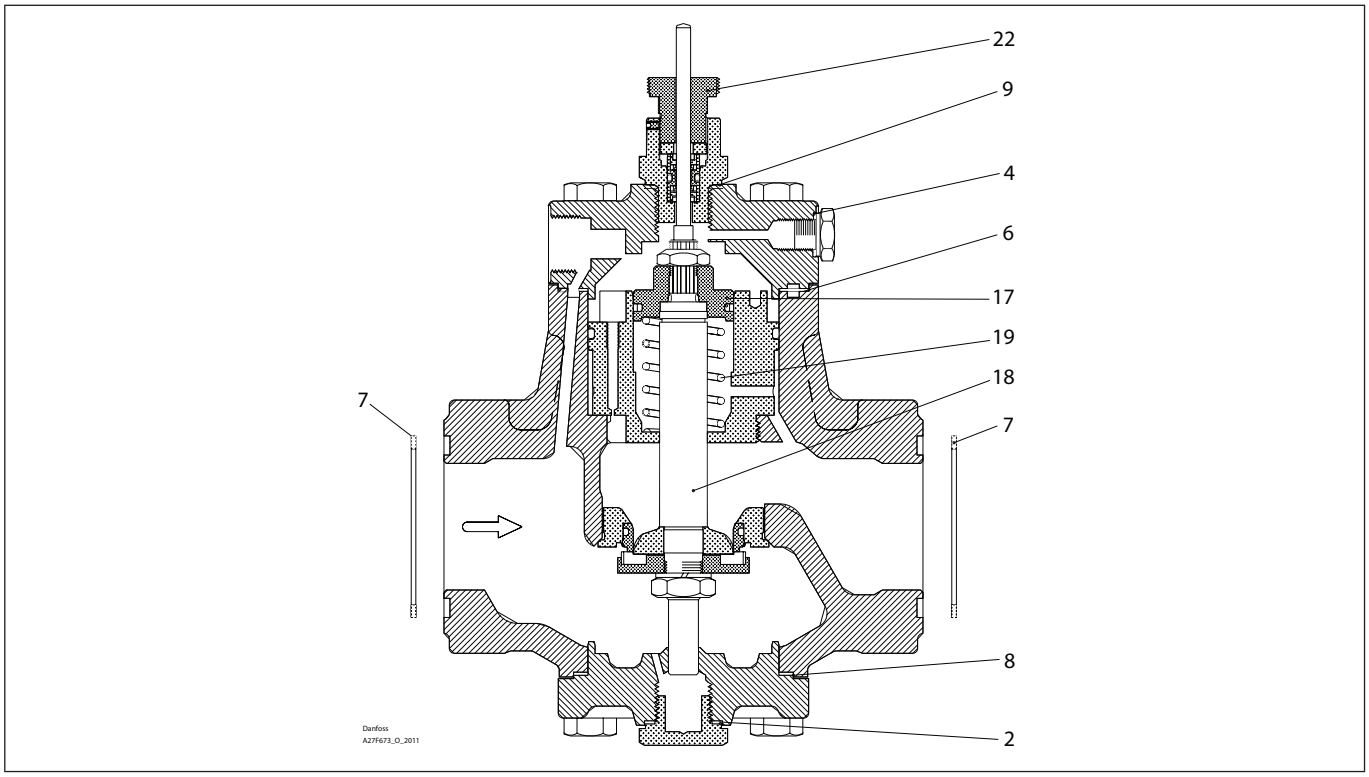
Overhaul kit | Code number 027F0768
MEV, size 300



1* = Alu. Ø26 mm Ø1.02" Total no. = 1	**2** = Fibre Ø33 mm Ø1.28" Total no. = 4	**3*** Ø9 mm Ø0.36" Total no. = 3	**4** = Alu. Ø18 mm Ø0.70" Total no. = 1	**5*** = Alu. Ø14 mm Ø0.55" Total no. = 1	**6** = Fibre Ø105 mm Ø4.13" Total no. = 1
7 = Fibre Ø76 mm Ø2.99" Total no. = 2	**8** = Fibre Ø92 mm Ø3.62" Total no. = 1	**9** = Alu. Ø32 mm Ø1.26" Total no. = 1	**10*** = Alu. Ø22 mm Ø0.87" Total no. = 1	**17** Ø32mm 1,26"	**18** Ø32mm Ø1,26"
19 Ø28 mm Ø1.10" Total no. = 1	**22** 9mm 0.35"				

* The spare part is included in the package but is not used for MEV 300.

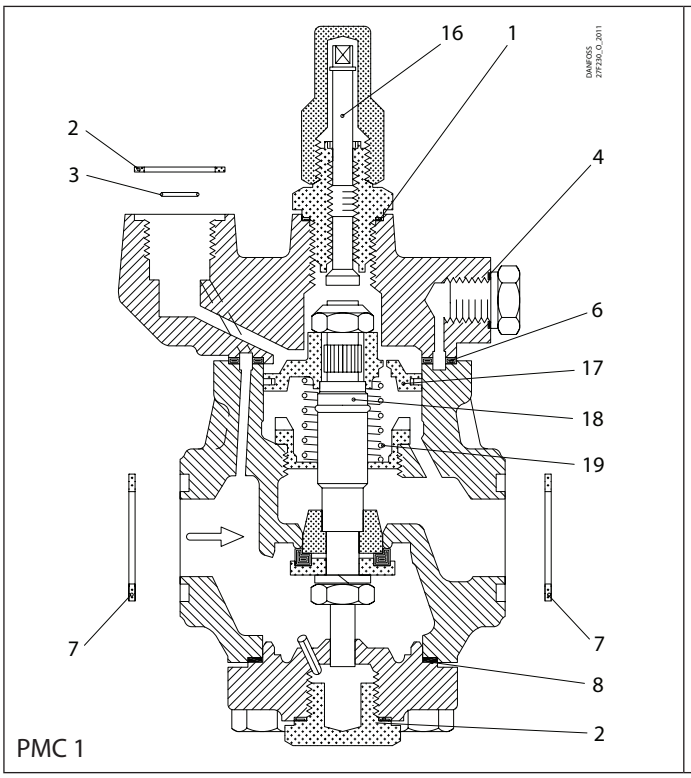
Overhaul kit | Code number 027F0769
MEV, size 500



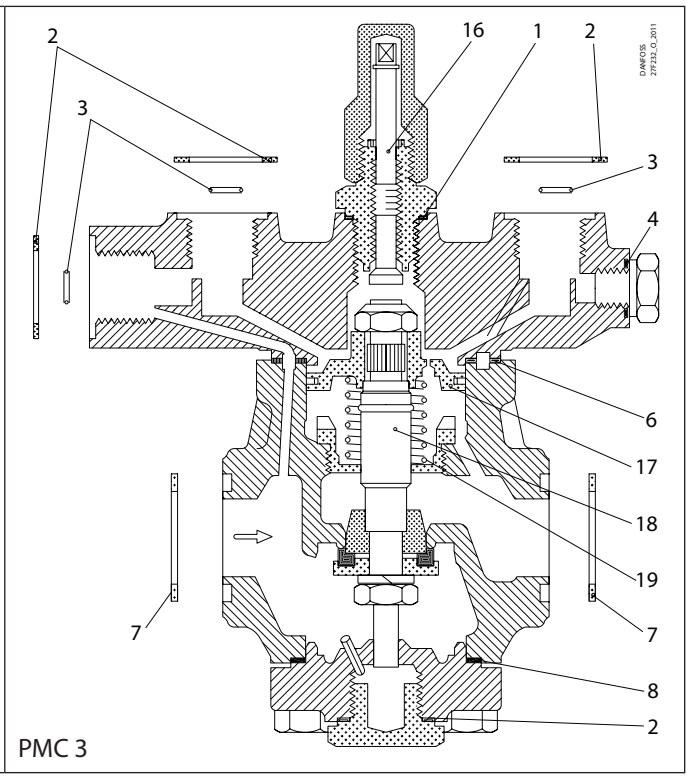
1* = Alu. Ø26 mm Ø1.02" Total no. = 1	**2** = Fibre Ø33 mm Ø1.28" Total no. = 4	**3*** Ø9 mm Ø0.36" Total no. = 3	**4** = Alu. Ø18 mm Ø0.70" Total no. = 1	**5*** = Alu. Ø14 mm Ø0.55" Total no. = 1	**6** = Fibre Ø127 mm Ø5" Total no. = 1
7 = Fibre Ø87 mm Ø3.43" Total no. = 2	**8** = Fibre Ø112 mm Ø4.41" Total no. = 1	**9** = Alu. Ø32 mm Ø1.26" Total no. = 1	**10*** = Alu. Ø22 mm Ø0.87" Total no. = 1	**17** Ø42mm 1.64"	**18** Ø42mm Ø1.65"
19 Ø34 mm Ø1.34" Total no. = 1	**22** 29mm 1.14"				

* The spare part is included in the package but is not used for MEV 500.

Overhaul kit | Code number 027F0770
PMC, size 5

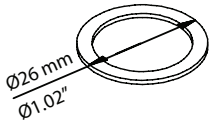


PMC 1



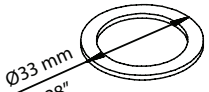
PMC 3

1 = Alu.



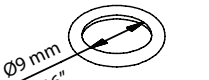
Total no. = 1

2 = Fibre



Total no. = 4

3



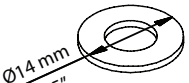
Total no. = 3

4 = Alu.



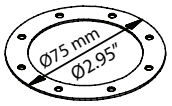
Total no. = 1

5* = Alu.



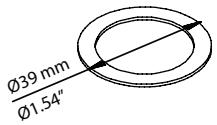
Total no. = 1

6 = Fibre



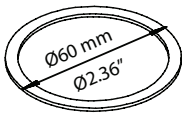
Total no. = 1

7 = Fibre



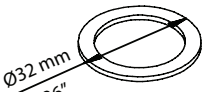
Total no. = 2

8 = Fibre



Total no. = 1

9* = Alu.



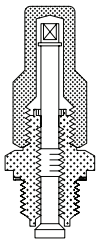
Total no. = 1

10* = Alu.

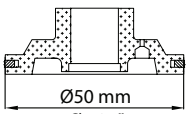


Total no. = 1

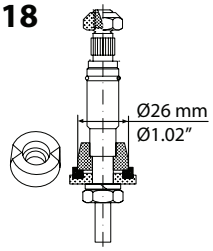
16



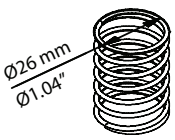
17



18



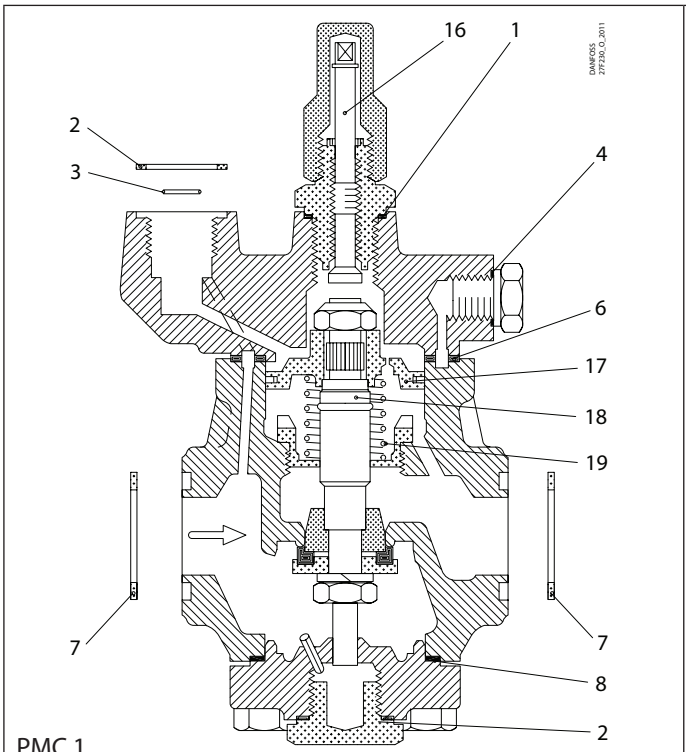
19



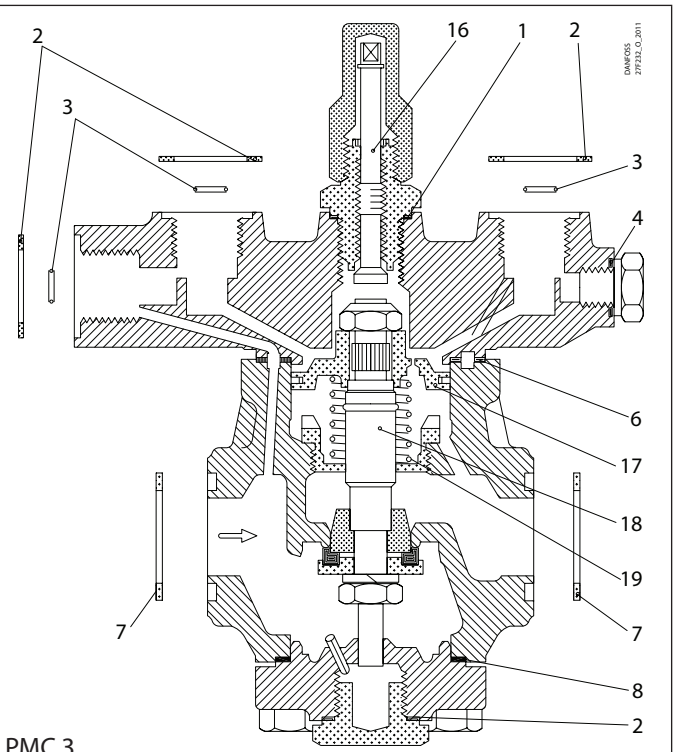
Total no. = 1

* The spare part is included in the package but is not used for PMC 1 or PMC 3..

Overhaul kit | Code number 027F0754
PMC, size 8

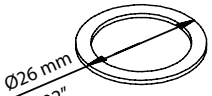


PMC 1



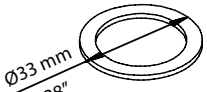
PMC 3

1 = Alu.



Total no. = 1

2 = Fibre



Total no. = 4

3



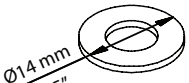
Total no. = 3

4 = Alu.



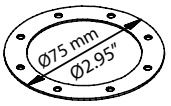
Total no. = 1

5* = Alu.



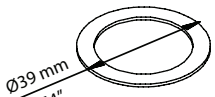
Total no. = 1

6 = Fibre



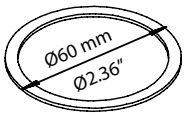
Total no. = 1

7 = Fibre



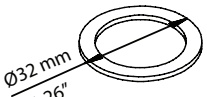
Total no. = 2

8 = Fibre



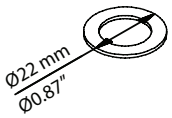
Total no. = 1

9* = Alu.



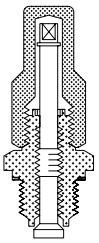
Total no. = 1

10* = Alu.

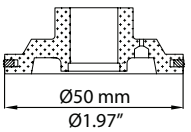


Total no. = 1

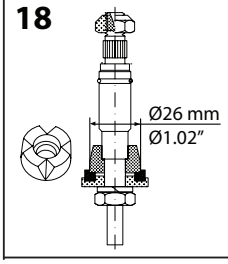
16



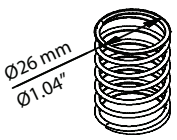
17



18



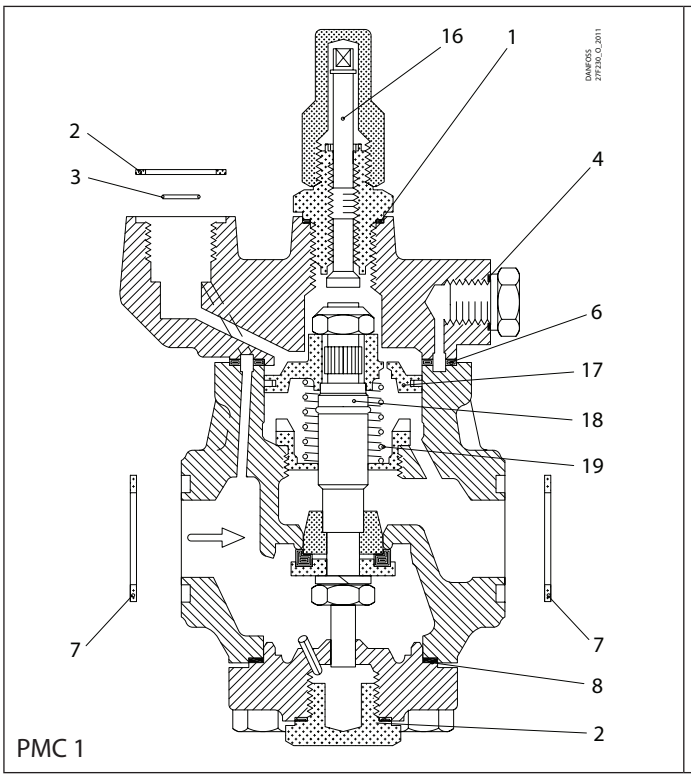
19



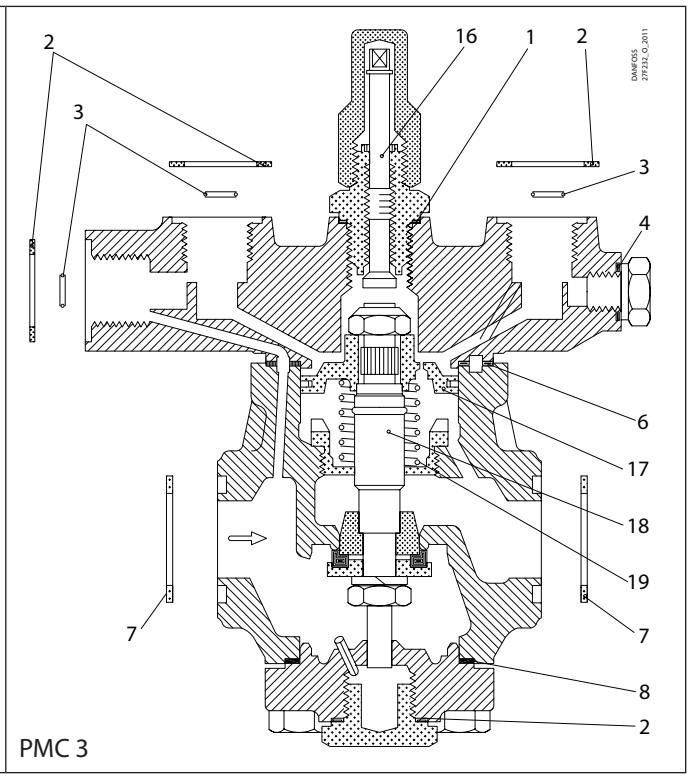
Total no. = 1

* The spare part is included in the package but is not used for PMC 1 or PMC 3..

Overhaul kit | Code number 027F0755
PMC, size 12

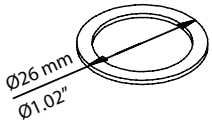


PMC 1



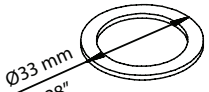
PMC 3

1 = Alu.



Total no. = 1

2 = Fibre



Total no. = 4

3



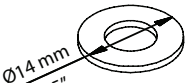
Total no. = 3

4 = Alu.



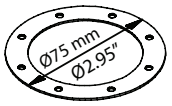
Total no. = 1

5* = Alu.



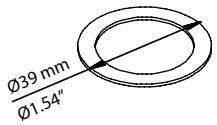
Total no. = 1

6 = Fibre



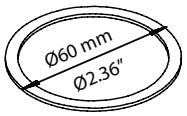
Total no. = 1

7 = Fibre



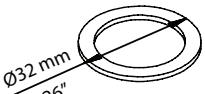
Total no. = 2

8 = Fibre



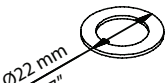
Total no. = 1

9* = Alu.



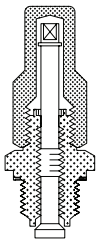
Total no. = 1

10* = Alu.

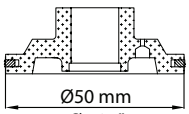


Total no. = 1

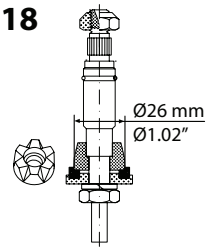
16



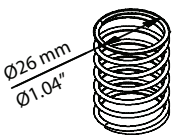
17



18



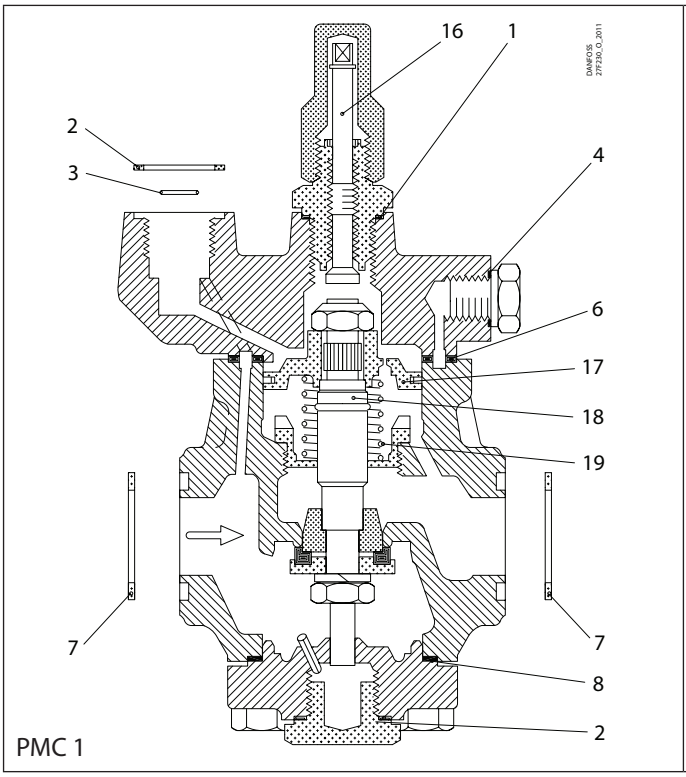
19



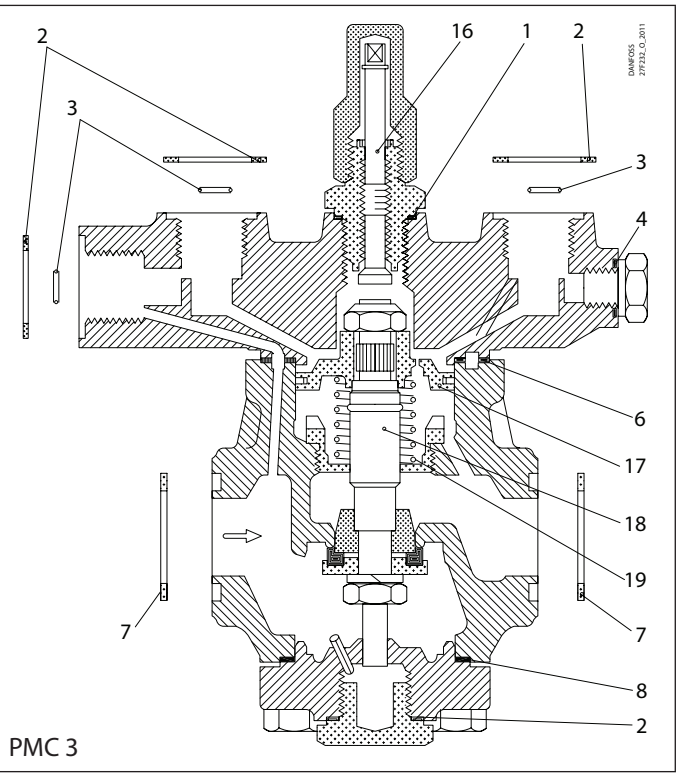
Total no. = 1

* The spare part is included in the package but is not used for PMC 1 or PMC 3..

Overhaul kit | Code number 027F0756
PMC, size 20

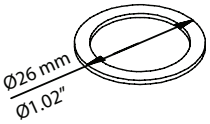


PMC 1



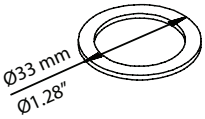
PMC 3

1 = Alu.



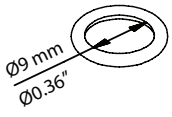
Total no. = 1

2 = Fibre



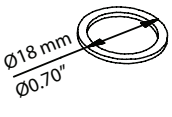
Total no. = 4

3



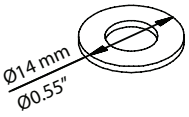
Total no. = 3

4 = Alu.



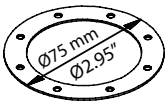
Total no. = 1

5* = Alu.



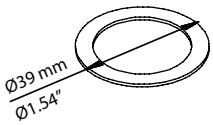
Total no. = 1

6 = Fibre



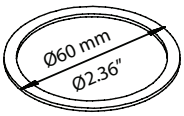
Total no. = 1

7 = Fibre



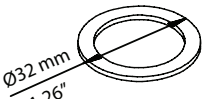
Total no. = 2

8 = Fibre



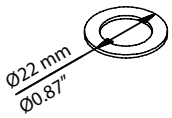
Total no. = 1

9* = Alu.



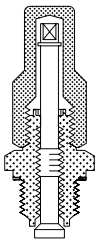
Total no. = 1

10* = Alu.

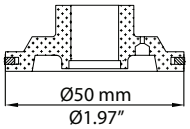


Total no. = 1

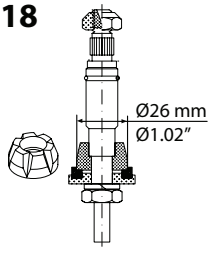
16



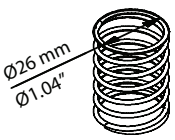
17



18



19



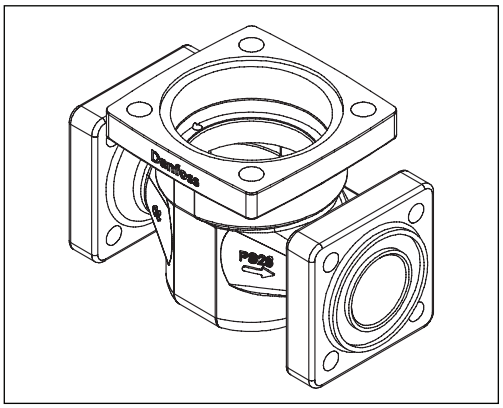
Total no. = 1

* The spare part is included in the package but is not used for PMC 1 or PMC 3..

Accessories

ICV PM flanged valve housings
ICV PM flanged valve housings can replace the PM valves on already installed refrigeration systems.

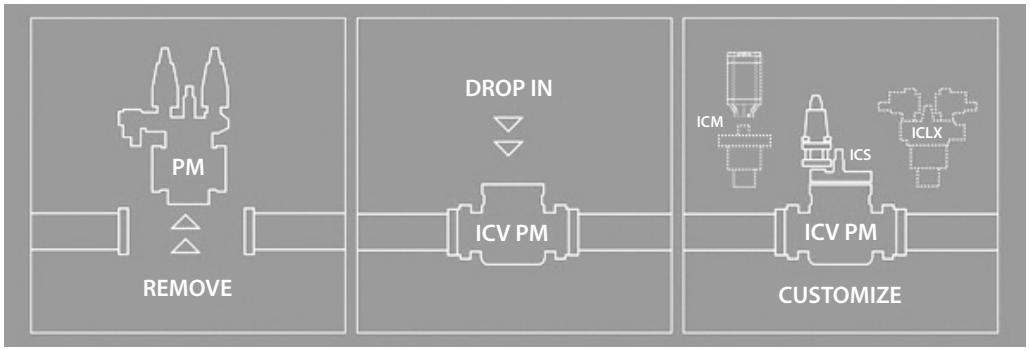
Pressure range
The ICV PM valve housing is designed for a max. working pressure of 28 bar g (406 psig) and therefore a suitable replacement for PM valves in the service market. They also offer the same drop-in dimensions as the PM valves.



Description	Code no.
ICV 25 PM Valve housing	**027H2119** *)
ICV 32 PM Valve housing	**027H3129** *)
ICV 40 PM Valve housing	**027H4128** *)
ICV 50 PM Valve housing	**027H5127** **)
ICV 65 PM Valve housing	**027H6128** **)

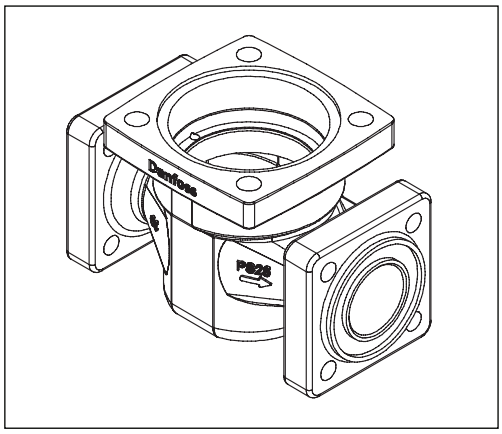
*) Includes ICV PM valve housing, flange gaskets and flange bolts.
**) Includes ICV PM valve housing, flange gaskets, flange bolts and flange nuts.

Function modules and top covers must be ordered separately (see the section "Ordering").



ICV (H)A4A flanged valve housings
ICV (H)A4A flanged valve housings can replace the (H) A4A valves on already installed refrigeration systems.

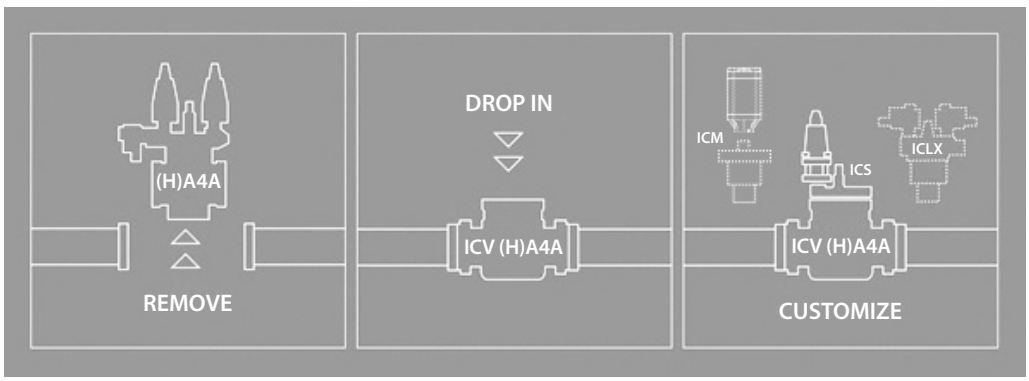
Pressure range
The ICV (H)A4A valve housing is designed for a max. working pressure of 28 bar g (406 psig) and therefore a suitable replacement for (H)A4A valves in the service market. They also offer the same drop-in dimensions as the (H)A4A valves.



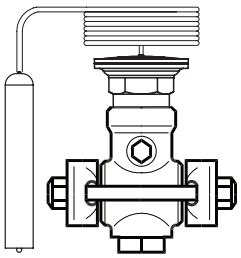
Description	Code no.
ICV 25 (H)A4A Valve housing	**027H2304** *)
ICV 32 A4A Valve housing	**027H3130** *)
ICV 32 HA4A Valve housing	**027H3131** *)
ICV 40 (H)A4A Valve housing	**027H4129** *)
ICV 50 (H)A4A Valve housing	**027H5128** *)
ICV 65 (H)A4A Valve housing	**027H6129** *)

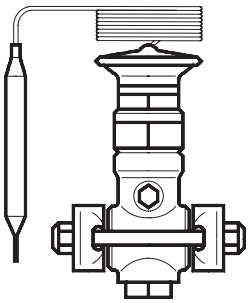
*) Includes ICV (H)A4A valve housing, flange gaskets, flange bolts and flange nuts.

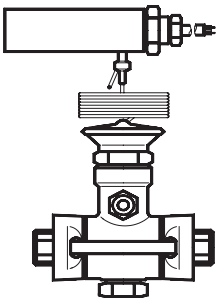
Function modules and top covers must be ordered separately (see the section "Ordering").

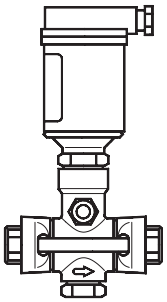


Expansion valves, TEA, TEAT, TEVA and TEAQ, size 20 and 85


TEA


TEAT


TEVA


TEAQ

Valve type	Size	See details on page #	Code no.
Inspection kits			
TEA, TEAT, TEVA, TEAQ	All	272	**068G0064**
Repair kits, orifice			
TEA, TEAT, TEVA, TEAQ	20 - 1	273	**068G2050**
	20 - 2	273	**068G2051**
	20 - 3	273	**068G2052**
	20 - 5	273	**068G2053**
	20 - 8	273	**068G2054**
	20 - 12	273	**068G2055**
	20 - 20	273	**068G2056**
	85 - 33	273	**068G2057**
	85 - 55	273	**068G2058**
	85 - 85	273	**068G2059**

Valve type	Size	Temperature setting	See details on page #	Code no.
Repair kits, element				
TEA	All	–50°C / 0°C	274	**068G3250**
	All	–20°C / +30°C	274	**068G3252**
TEAT	All	+35°C / +65°C	274	**068G3262**
	All	+55°C / +95°C	274	**068G3260**
	All	+90°C / +130°C	274	**068G3261**

Valve type	Size	Description	See details on page #	Code no.
Repair kits, element				
TEVA	All	Thermostatic element without electric heating element	274	**068G3255**
	All	Electric heating element only	274	**068G0037**

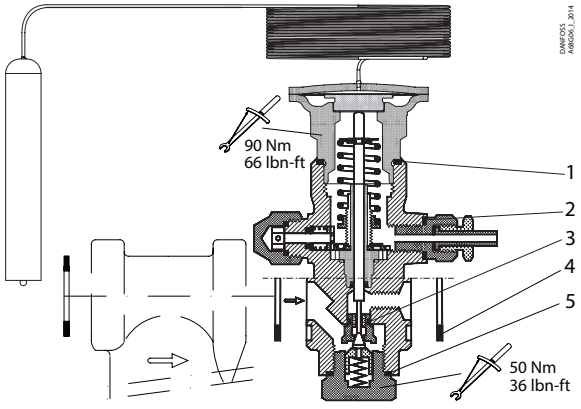
No overhaul kit available.
For ordering new valves please see the Danfoss website.
TEAQ is out of production an cannot be ordered anymore.

Inspection kits:
Contains all gaskets, O-rings and sealings belonging to 1 valve size.
For detailed content, see specific pages mentioned above.

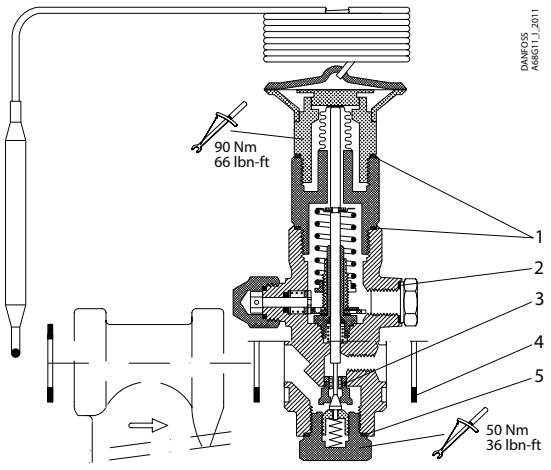
Repair kits, orifice:
Repair kit orifice contains all gaskets, O-rings, sealings and one orifice belonging to one valve size.
For detailed content, see specific pages mentioned above.

Repair kits, element:
Repair kit element contains all gaskets, O-rings, sealings and one element belonging to one valve size.
For detailed content, see specific pages mentioned above.

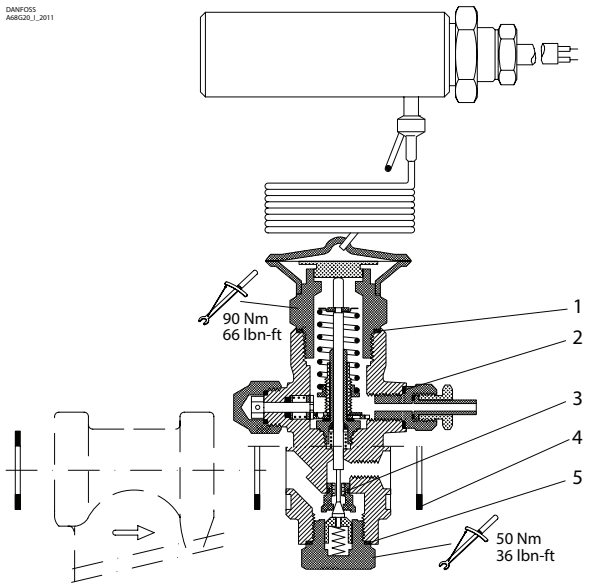
Inspection kit | Code number 068G0064
TEA, TEAT, TEVA and TEAQ, Size 20 and 85



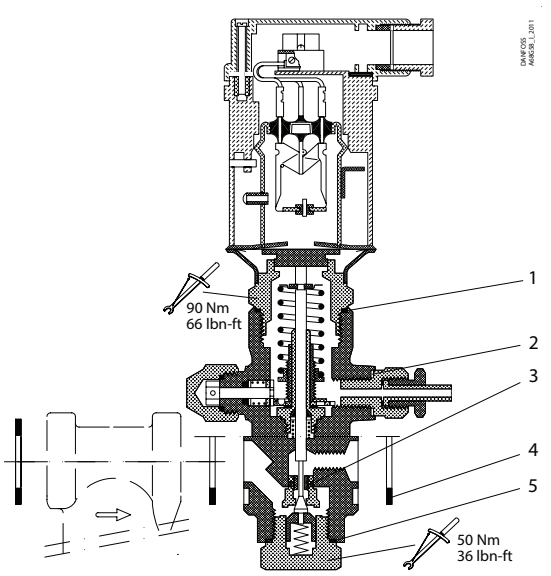
TEA



TEAT



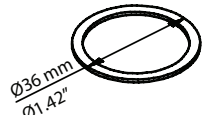
TEVA



TEAQ

1

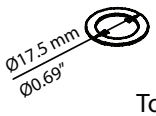
= Alu.



Total no. = 2

2

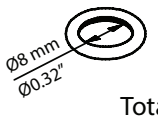
= Alu.



Total no. = 1

3 (size 20)

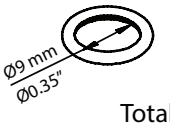




Total no. = 1

3 (size 85)

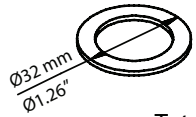




Total no. = 1

4 (size 20)

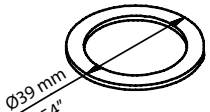
= Fibre



Total no. = 3

4 (size 85)

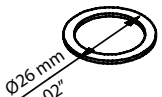
= Fibre



Total no. = 3

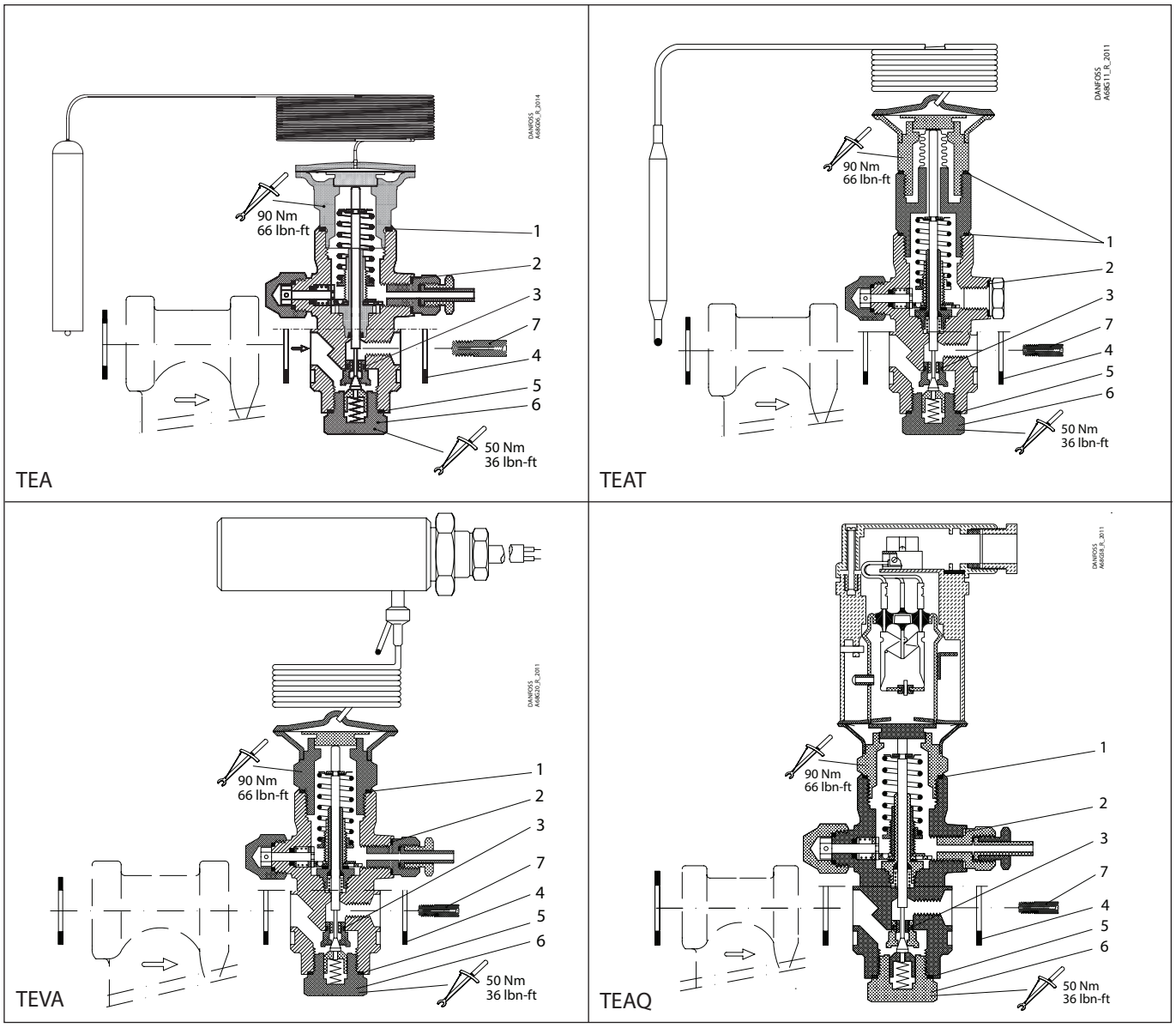
5

= Alu.



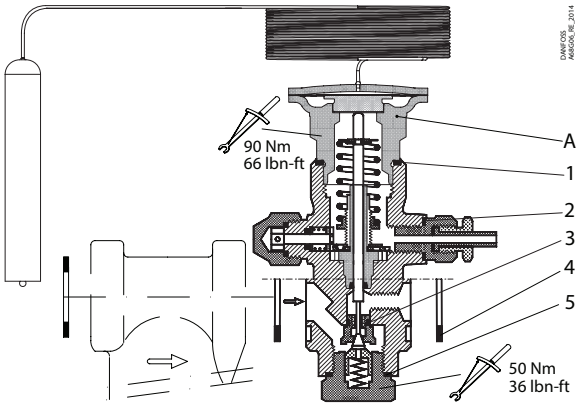
Total no. = 1

Repair kit, orifice | Code numbers: 068G2050 / 068G2051 / 068G2052 / 068G2053 / 068G2054 / 068G2055 / 068G2056 / 068G2057 /068G2058 / 068G2059
TEA, TEAT, TEVA and TEAQ, Size 20 and 85

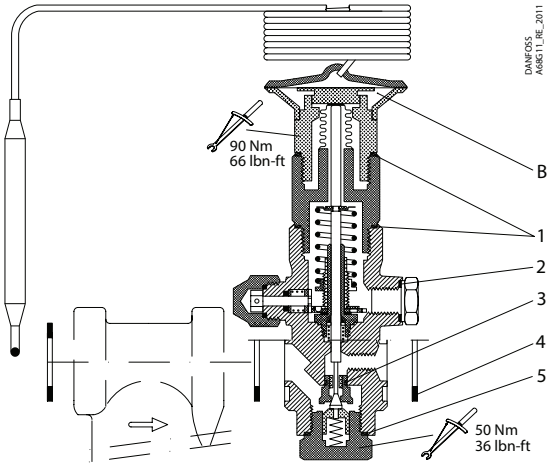


1 = Alu. Ø36 mm Ø1.42" Total no. = 2	**2** = Alu. Ø17.5 mm Ø0.69" Total no. = 1	**3** (size 20) Ø8 mm Ø0.32" Total no. = 1	**3** (size 85) Ø9 mm Ø0.35" Total no. = 1	**4** (size 20) = Fibre Ø32 mm Ø1.26" Total no. = 3
4 (size 85) = Fibre Ø39 mm Ø1.54" Total no. = 3	**5** = Alu. Ø26 mm Ø1.02" Total no. = 1	**6** Total no. = 1	**7** Included in the repair kit **068G2050** only Total no. = 1	

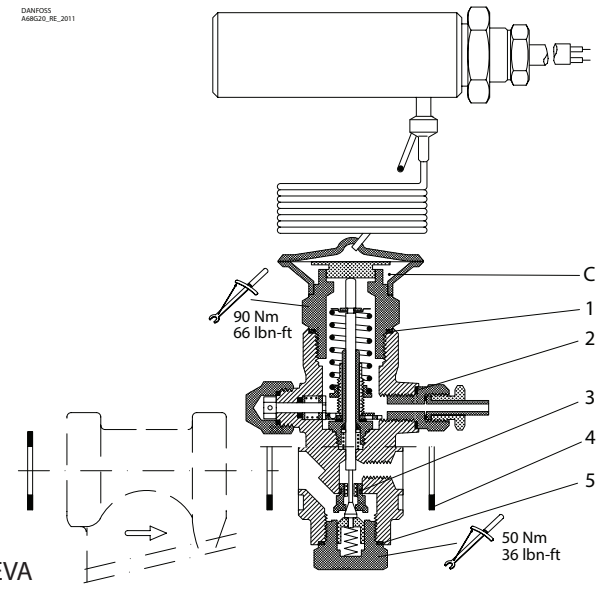
Repair kit, element | Code numbers: 068G3250 / 068G3252 / 068G3260 / 068G3261 / 068G3262 / 068G3255
TEA, TEAT, TEVA and TEAQ, Size 20 and 85



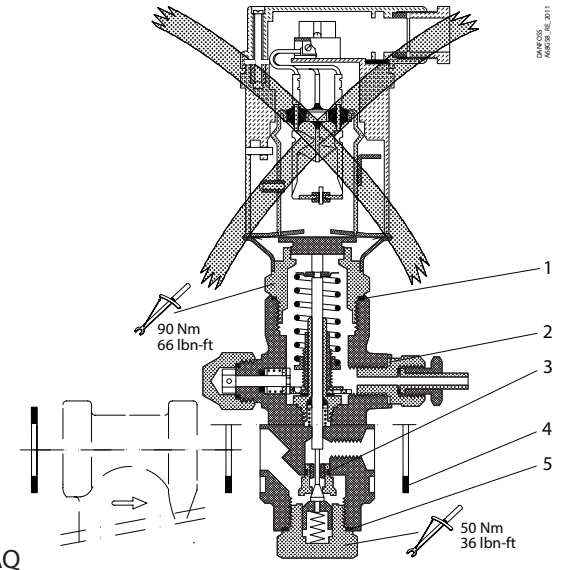
TEA



TEAT



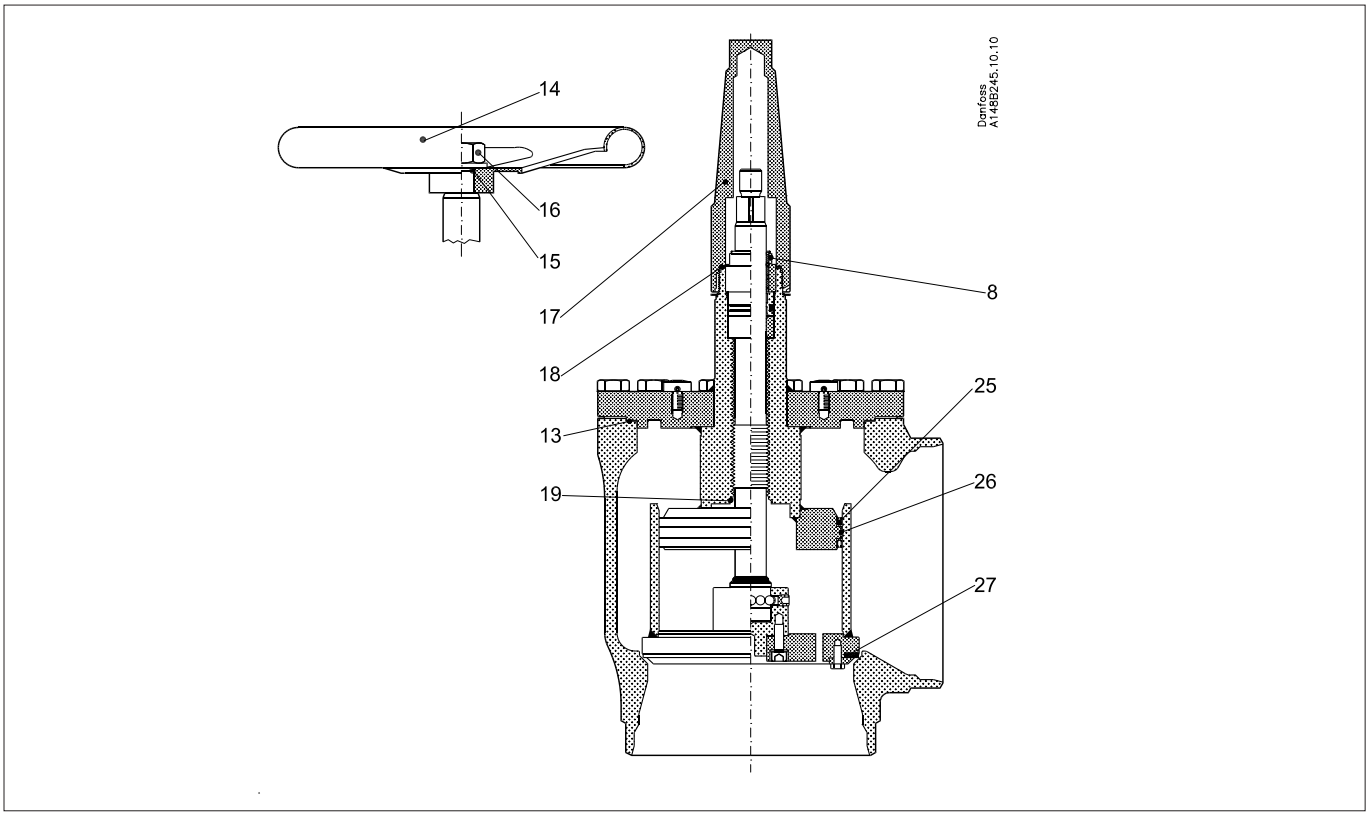
TEVA



TEAQ

1 = Alu. Ø36 mm / Ø1.42″ Total no. = 2	**2** = Alu. Ø17.5 mm / Ø0.69″ Total no. = 1	**3** (size 20) Ø8 mm / Ø0.32″ Total no. = 1	**3** (size 85) Ø9 mm / Ø0.35″ Total no. = 1	**4** (size 20) = Fibre Ø32 mm / Ø1.26″ Total no. = 3	**4** (size 85) = Fibre Ø39 mm / Ø1.54″ Total no. = 3
5 = Alu. Ø26 mm / Ø1.02″ Total no. = 1	**6** 1 of A or 1 of B or 1 of C	Bulb strap Total no. = 1			

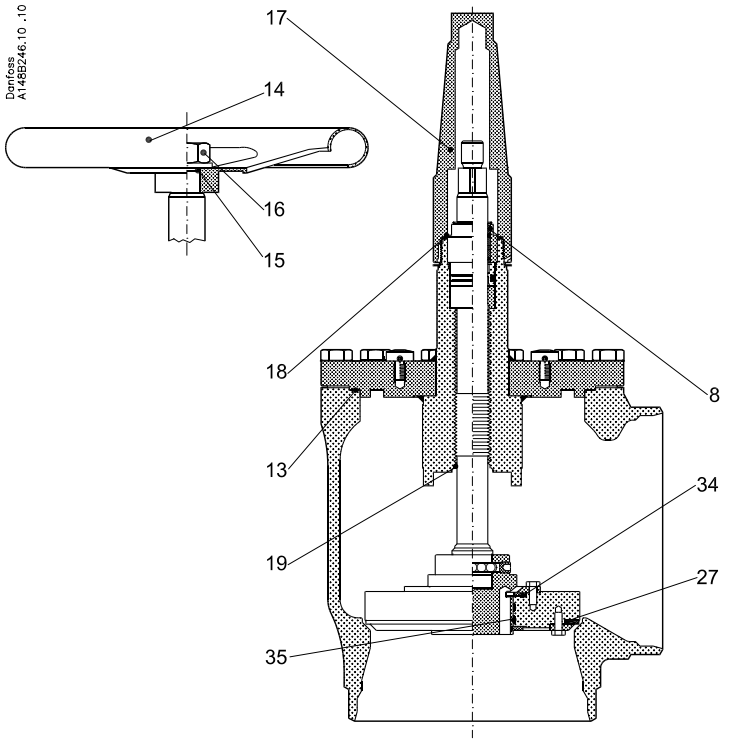
Shut-off valve
Type SVA-DH 250-300 (10-12 in.)



Description	Pos. #	Qty.	Size	Code no.
Spare part kit, for bonnet and cap				
Gasket for bonnet	13	1	DN 250 (10 in.)	**148B4162**
Gasket	18	1	DN 250 (10 in.)	
Gasket for backseat	19	1	DN 250 (10 in.)	
Gasket for bonnet	13	1	DN 300 (12 in.)	**148B4163**
Gasket	18	1	DN 300 (12 in.)	
Gasket for backseat	19	1	DN 300 (12 in.)	
Spare part kit for cone				
Gasket for cone (u-sleeve)	25	1	DN 250 (10 in.)	**148B4164**
Wear ring for cone	26	1	DN 250 (10 in.)	
Gasket for cone (valve seat)	27	1	DN 250 (10 in.)	
Gasket for cone (u-sleeve)	25	1	DN 300 (12 in.)	**148B4165**
Wear ring for cone	26	1	DN 300 (12 in.)	
Gasket for cone (valve seat)	27	1	DN 300 (12 in.)	
Packing gland (complete)				
Packing gland complete	8	1	DN 250 (10 in.)	**148B4166**
Packing gland complete	8	1	DN 300 (10 in.)	
Complete repair kit				
Packing gland complete	8	1	DN 250 (10 in.)	**148B4167**
Gasket for bonnet	13	1	DN 250 (10 in.)	
Gasket	18	1	DN 250 (10 in.)	
Gasket for backseat	19	1	DN 250 (10 in.)	
Gasket for cone (u-sleeve)	25	1	DN 250 (10 in.)	
Wear ring for cone	26	1	DN 250 (10 in.)	
Gasket for cone (valve seat)	27	1	DN 250 (10 in.)	

Description	Pos. #	Qty.	Size	Code no.
Complete repair kit				
Packing gland complete	8	1	DN 300 (12 in.)	**148B4168**
Gasket for bonnet	13	1	DN 300 (12 in.)	
Gasket	18	1	DN 300 (12 in.)	
Gasket for backseat	19	1	DN 300 (12 in.)	
Gasket for cone (u-sleeve)	25	1	DN 300 (12 in.)	
Wear ring for cone	26	1	DN 300 (12 in.)	
Gasket for cone (valve seat)	27	1	DN 300 (12 in.)	
Handwheel incl. nut and washer				
Handwheel	14	1	DN 250 (10 in.)	**148B4169**
Washer	15	1	DN 250 (10 in.)	
Nut	16	1	DN 250 (10 in.)	
Handwheel	15	1	DN 300 (12 in.)	**148B4170**
Washer	15	1	DN 300 (12 in.)	
Nut	16	1	DN 300 (12 in.)	
Cap incl. Gasket				
Cap	17	1	DN 250 (10 in.)	**148B4171**
Gasket	18	1	DN 250 (10 in.)	
Cap	17	1	DN 300 (12 in.)	
Gasket	18	1	DN 300 (12 in.)	
Grease for packing gland (tube)				
Grease for packing gland (tube)	-	1	DN 250 (10 in.)	**148H3445**
Grease for packing gland (tube)	-	1	DN 300 (12 in.)	

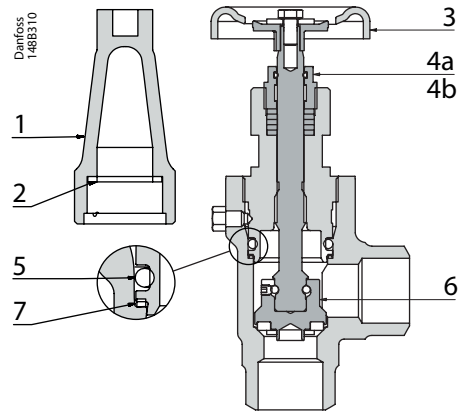
Shut-off valve
Type SVA-DL 250-300 (10-12 in.)



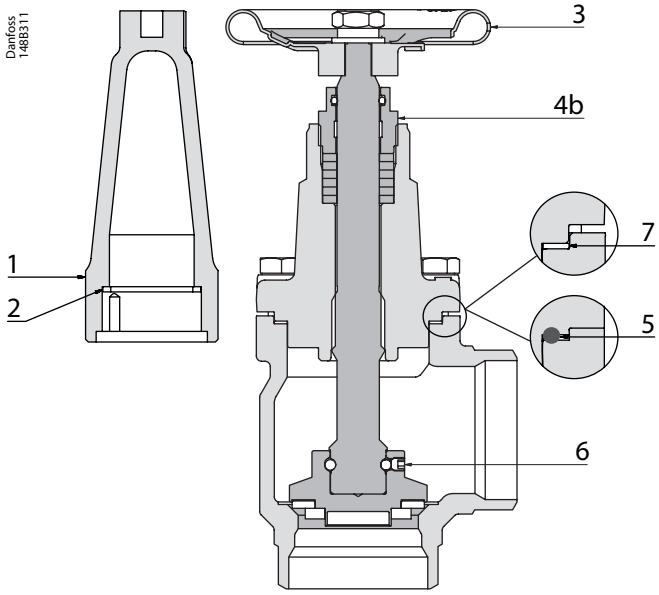
Description	Pos. #	Qty.	Size	Code no.
Spare part kit, for bonnet and cap				
Gasket for bonnet	13	1	DN 250 (10 in.)	**148B4162**
Cap + gasket	18	1	DN 250 (10 in.)	
Gasket for backseat	19	1	DN 250 (10 in.)	
Gasket for bonnet	13	1	DN 300 (12 in.)	**148B4163**
Cap + gasket	18	1	DN 300 (12 in.)	
Gasket for backseat	19	1	DN 300 (12 in.)	
Spare part kit for cone				
Gasket for cone (valve seat)	27	1	DN 250 (10 in.)	**148B4173**
Gasket for cone (insert)	34	1	DN 250 (10 in.)	
Wear ring for cone (insert)	35	1	DN 250 (10 in.)	
Gasket for cone (valve seat)	27	1	DN 300 (12 in.)	**148B4174**
Gasket for cone (insert)	34	1	DN 300 (12 in.)	
Wear ring for cone (insert)	35	1	DN 300 (12 in.)	
Packing gland (complete)				
Packing gland complete	8	1	DN 250 (10 in.)	**148B4166**
Packing gland complete	8	1	DN 300 (10 in.)	
Complete repair kit				
Packing gland complete	8	1	DN 250 (10 in.)	**148B4175**
Gasket for bonnet	13	1	DN 250 (10 in.)	
Cap + gasket	18	1	DN 250 (10 in.)	
Gasket for backseat	19	1	DN 250 (10 in.)	
Gasket for cone (valve seat)	27	1	DN 250 (10 in.)	
Gasket for cone (insert)	34	1	DN 250 (10 in.)	
Wear ring for cone (insert)	35	1	DN 250 (10 in.)	

Description	Pos. #	Qty.	Size	Code no.
Complete repair kit				
Packing gland complete	8	1	DN 300 (12 in.)	**148B4176**
Gasket for bonnet	13	1	DN 300 (12 in.)	
Cap + gasket	18	1	DN 300 (12 in.)	
Gasket for backseat	19	1	DN 300 (12 in.)	
Gasket for cone (valve seat)	27	1	DN 300 (12 in.)	
Gasket for cone (insert)	34	1	DN 300 (12 in.)	
Wear ring for cone (insert)	35	1	DN 300 (12 in.)	
Handwheel incl. nut and washer				
Handwheel	14	1	DN 250 (10 in.)	**148B4169**
Washer	15	1	DN 250 (10 in.)	
Nut	16	1	DN 250 (10 in.)	
Handwheel	15	1	DN 300 (12 in.)	**148B4170**
Washer	15	1	DN 300 (12 in.)	
Nut	16	1	DN 300 (12 in.)	
Cap incl. Gasket				
Cap	17	1	DN 250 (10 in.)	**148B4171**
Gasket	18	1	DN 250 (10 in.)	
Cap	17	1	DN 300 (12 in.)	
Gasket	18	1	DN 300 (12 in.)	
Grease for packing gland (tube)				
Grease for packing gland (tube)	-	1	DN 250 (10 in.)	**148H3445**
Grease for packing gland (tube)	-	1	DN 300 (12 in.)	

Shut-off valves
Type STC 15-150 (½-6 in.)



STC DN 15 - 40



STC DN 50 - 150

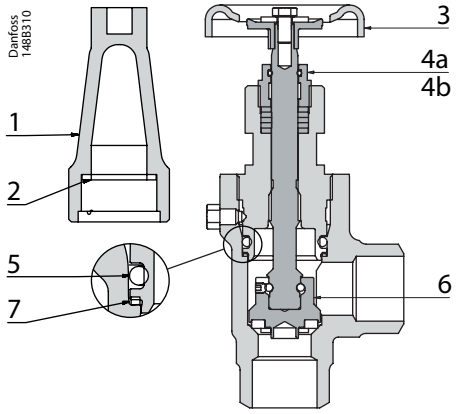
Size	Description	Pos. #	Qty.	Code no.
Spare part kit, cone				
DN 15-25	O-ring for housing/bonnet	5	1	**148B6456**
	Cone complete incl. steel balls and allen screw	6	1	
	Gasket for housing/bonnet	7	1	
	Allen key		1	
DN 32-40	O-ring for housing/bonnet	5	1	**148B6457**
	Cone complete incl. steel balls and allen screw	6	1	
	Gasket for housing/bonnet	7	1	
	Allen key		1	
DN 50	O-ring for housing/bonnet	5	1	**148B6469**
	Cone complete incl. steel balls and allen screw	6	1	
	Gasket for housing/bonnet	7	1	
	Allen key		1	
DN 65	O-ring for housing/bonnet	5	1	**148B6470**
	Cone complete incl. steel balls and allen screw	6	1	
	Gasket for housing/bonnet	7	1	
	Allen key		1	
DN 80	O-ring for housing/bonnet	5	1	**148B6450**
	Cone complete incl. steel balls and allen screw	6	1	
	Gasket for housing/bonnet	7	1	
	Allen key		1	
DN 100	O-ring for housing/bonnet	5	1	**148B6451**
	Cone complete incl. steel balls and allen screw	6	1	
	Gasket for housing/bonnet	7	1	
	Allen key		1	
DN 125	O-ring for housing/bonnet	5	1	**148B6452**
	Cone complete incl. steel balls and allen screw	6	1	
	Gasket for housing/bonnet	7	1	
	Allen key		1	
DN 150	O-ring for housing/bonnet	5	1	**148B6453**
	Cone complete incl. steel balls and allen screw	6	1	
	Gasket for housing/bonnet	7	1	
	Allen key		1	

Size	Description	Pos. #	Qty.	Code no.
Spare part kit, for bonnet and cap (dismounting set)				
DN 15-25	O-ring for housing/bonnet	5	1	**148B6454**
	Gasket for cap	2	1	
	Gasket for housing/bonnet	7	1	
DN 32-40	O-ring for housing/bonnet	5	1	**148B6455**
	Gasket for cap	2	1	
	Gasket for housing/bonnet	7	1	
DN 50	O-ring for housing/bonnet	5	1	**148B6463**
	Gasket for cap	2	1	
	Gasket for housing/bonnet	7	1	
DN 65	O-ring for housing/bonnet	5	1	**148B6464**
	Gasket for cap	2	1	
	Gasket for housing/bonnet	7	1	
DN 80	O-ring for housing/bonnet	5	1	**148B6465**
	Gasket for cap	2	1	
	Gasket for housing/bonnet	7	1	
DN 100	O-ring for housing/bonnet	5	1	**148B6466**
	Gasket for cap	2	1	
	Gasket for housing/bonnet	7	1	
DN 125	O-ring for housing/bonnet	5	1	**148B6467**
	Gasket for cap	2	1	
	Gasket for housing/bonnet	7	1	
DN 150	O-ring for housing/bonnet	5	1	**148B6468**
	Gasket for cap	2	1	
	Gasket for housing/bonnet	7	1	

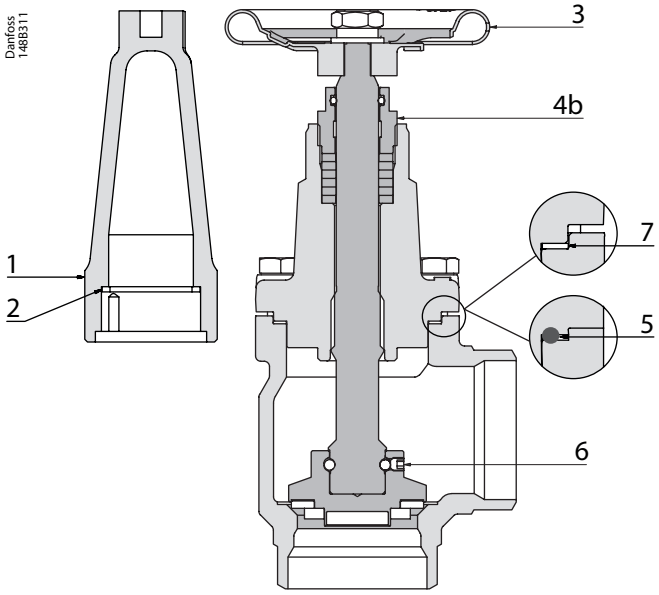
Packing gland incl. gaskets (with O-rings)

DN 15-25	Packing gland incl.sealings	4a, 4b	1	**148B6458**
DN 32-40	Packing gland incl.sealings	4a, 4b	1	**148B6459**
DN 50-65	Packing gland incl.sealings	4a, 4b	1	**148B6460**
DN 80-100	Packing gland incl.sealings	4a, 4b	1	**148B6461**
DN 125-150	Packing gland incl.sealings	4a, 4b	1	**148B6462**

Shut-off valves
Type STC 15-150 (½-6 in.)



STC DN 15 - 40



STC DN 50 - 150

Size	Description	Pos. #	Qty.	Code no.
Handwheel incl. screw and washer				
DN 15-25	Handwheel incl. nut and washer	3	1	**148B4476**
DN 32-40	Handwheel incl. nut and washer	3	1	**148B4477**
DN 50-65	Handwheel incl. nut and washer	3	1	**148B4478**
DN 80-100	Handwheel incl. nut and washer	3	1	**148B4479**
DN 125-150	Handwheel incl. nut and washer	3	1	**148B4480**

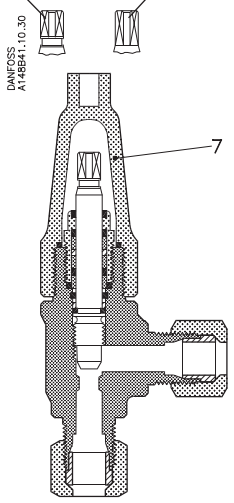
Size	Description	Pos. #	Qty.	Code no.
Cap incl. gasket				
DN 15-25	Cap incl. gasket	1, 2	1	**148B4447**
DN 32-65	Cap incl. gasket	1, 2	1	**148B4448**
DN 80-100	Cap incl. gasket	1, 2	1	**148B4449**
DN 125-150	Cap incl. gasket	1, 2	1	**148B4450**

Gauge valve
Type SNV

1

New versions of SNV valves with groove at the top of the spindle **have** *back seating.*

Old versions of SNV valves without groove at the top of the spindle have **no** *back seating.*



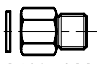
SNV 8

2



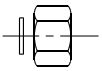
Welding nipple incl. O-ring

3



Threaded nipple incl. gasket

4



Blind nut incl. gasket

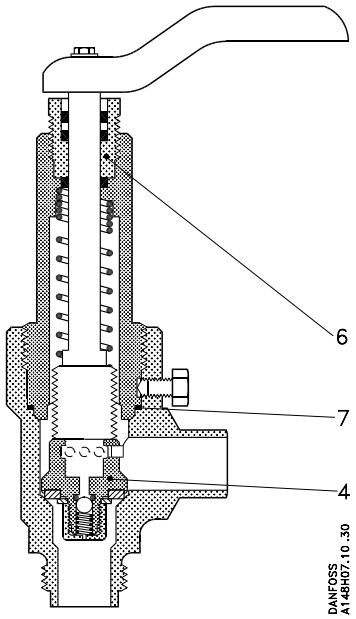
Description	Pos. #	Qty.	Code no.
Cap incl. gasket			
Cap incl. gasket	7	1	**148B4074**
Grease for packing gland (tube)			
Grease for packing gland (tube)		1	**148H3445**

Description	Pos. #	Qty.	Code no.
Accessories			
Welding nipple type CD-WN-TN-T incl. O-ring, fig. 2		1	**2469-008**
Threaded nipple type CD-WN-TN-T incl. gasket, fig. 3		1	**2469+022**
Blind nut type NPT incl. gasket, fig. 4		1	**148H3450**

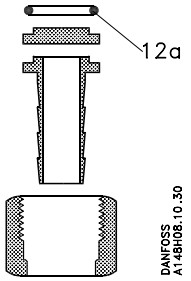
***) Note:** If further parts are necessary – renew the complete valve.

Shut-off valve
Type QDV

1

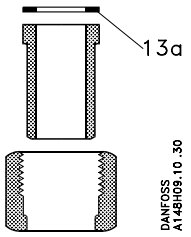


2



Fittings for hose connection-outlet incl. O-ring

3



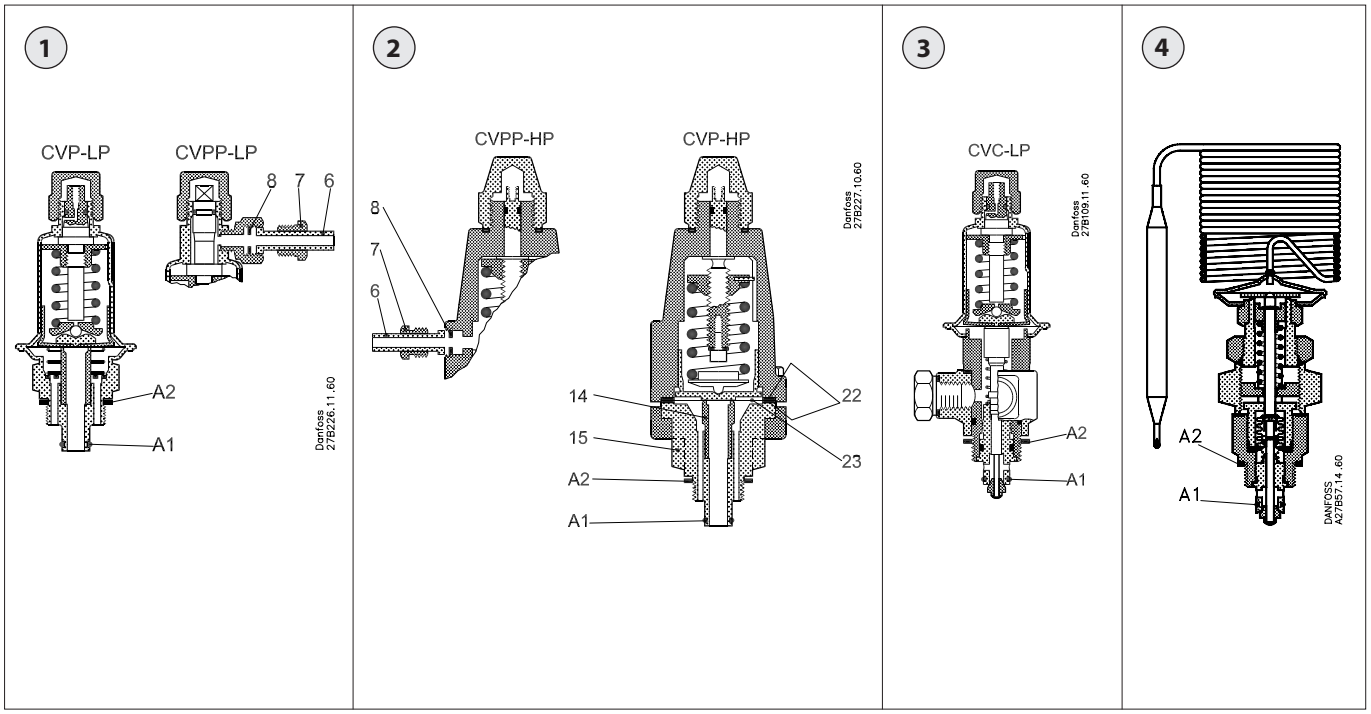
Fittings for welding connection-outlet incl. gasket

Description	Pos. #	Qty.	Code no.
Repair kit, complete set of gaskets			
Cone for complete incl. steel balls and Allen screw	4	1	**2453+092***
Gaskets complete for packing gland	6	1	
Gasket for housing/bonnet	7	1	
O-ring hose connection	12a	1	
Gasket for nipple connection Allen key	13a	1	
Packing gland incl. gaskets (with O-rings)			
Packing gland incl. gaskets	6	1	**148B4056***

* Only suitable for QDV valves produced before 5th March 2006.

Description	Pos. #	Qty.	Code no.
Grease for packing gland (tube)			
Grease for packing gland (tube)		1	**148H3445**
Optional extra Fittings for:			
Hose connection-outlet incl. O-ring - G $^{3}/_{8}$ - fig. 2		1	**148H3451**
Welding connection-outlet incl. gasket - G $^{3}/_{8}$ - fig. 3		1	**148H3452**

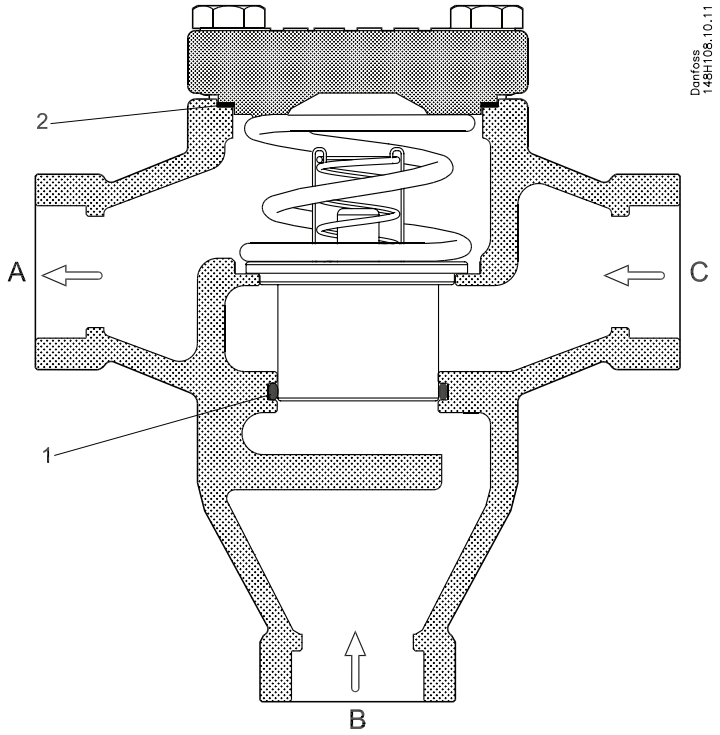
Pilot valves
Type CVP, CVPP, CVC and CVT



Description	Pos. #	Qty.	Code no.
CVP (LP) (low pressure), pressure controlled, fig. 1			
Seal kit:			**027F0666**
O-ring	A1	1	
Gasket	A2	1	
CVPP (LP) (low pressure), differential pressure, controlled, fig. 1			
Seal kit:			**027F0666**
O-ring	A1	1	
Gasket	A2	1	
Connection kit:			**027B0120**
Nipple	6	1	
Connector	7	1	
Alu gasket	8	1	
CVP (HP) (high pressure), pressure controlled,fig. 2			
Seal kit:			**027F0666**
O-ring	A1	1	
Gasket	A2	1	
Repair kit:			**027B0164**
Orifice	14	1	
Body	15	1	
Gasket	22	2	
Diaphragm	23	2	

Description	Pos. #	Qty.	Code no.
CVPP (HP) (high pressure), differential pressure controlled, fig. 2			
Seal kit:			**027F0666**
O-ring	A1	1	
Gasket	A2	1	
Connection kit:			**027B0120**
Nipple	6	1	
Connector	7	1	
Alu gasket	8	1	
CVC-LP, pressure controlled with signal connector, fig. 3			
Seal kit:			**027F0666**
O-ring	A1	1	
Gasket	A2	1	
CVT, temperature controlled, fig. 4			
Seal kit:			**027F0666**
O-ring	A1	1	
Gasket	A2	1	

Temperature regulating valve
Type ORV



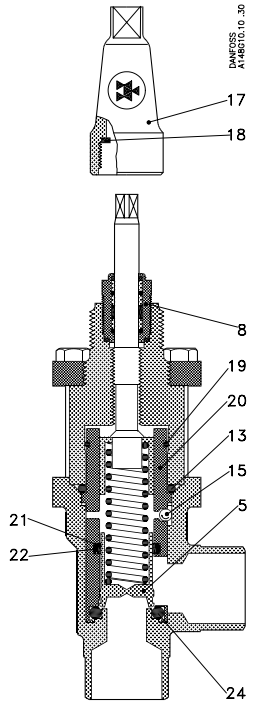
Description	Pos. #	Qty.	Code no.
Dismounting kit, ORV 25 and ORV 40 valve house H1			
Guide ring	1	1	**148H3246**
Gasket	2	1	
Dismounting kit, ORV 40 and ORV 50 valve house H2			
Guide ring	1	1	**148H3247**
Gasket	2	1	

Description	Pos. #	Qty.	Code no.
Dismounting kit, ORV 65 and ORV 80 valve house H3			
Guide ring	1	1	**148H3248***
Gasket	2	1	

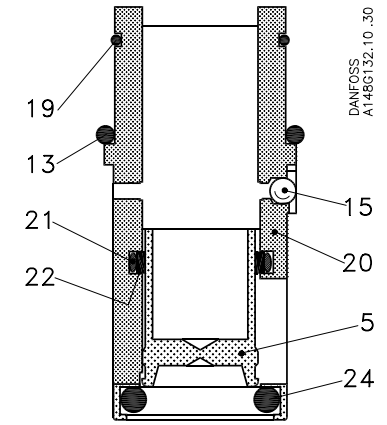
* Including two guide rings and one gasket.

Pressure regulating valve
Type OFV 20-25 ($^3/_4$ - 1 in.) type 133

1



2

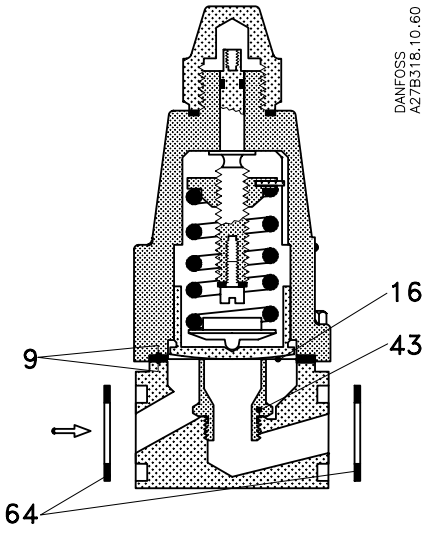


Guide piece

Description	Pos. #	Qty.	Size	Code no.
Repair kit, set of gaskets				
Gaskets complete for packing gland O-ring for housing/bonnet Gasket for cap O-ring O-ring (Excl. 21-22)	8a 13 18 19 24	1 1 1 1 1	20 ($^3/_4$ in.)	**2453+093**
Gaskets complete for packing gland O-ring for housing/bonnet Gasket for cap O-ring O-ring (Excl. 21-22)	8a 13 18 19 24	1 1 1 1 1	25 (1 in.)	
Repair kit, guide piece incl. cone and complete set of gaskets				
Cone complete Gaskets complete for packing gland O-ring for housing/bonnet Steel ball Gasket for cap O-ring Guide piece O-ring Sealing ring O-ring	5 8a 13 15 18 19 20 21 22 24	1 1 1 1 1 1 1 1 1 1	20 ($^3/_4$ in.)	**2433+107**
Cone complete Gaskets complete for packing gland O-ring for housing/bonnet Steel ball Gasket for cap O-ring Guide piece O-ring Sealing ring O-ring	5 8a 13 15 18 19 20 21 22 24	1 1 1 1 1 1 1 1 1 1	25 (1 in.)	**2433+108**

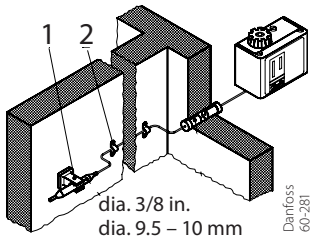
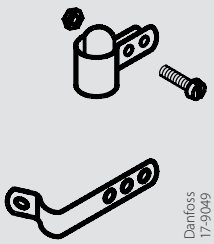
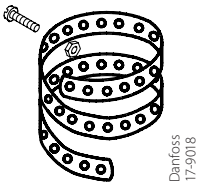
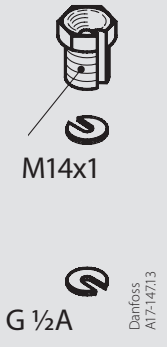
Description	Pos. #	Qty.	Size	Code no.
Packing gland incl. gaskets (with O-rings)				
Packing gland incl. gaskets	8	1	20 ($^3/_4$ in.)	**148B4056**
Packing gland incl. gaskets	8	1	25 (1 in.)	
Cap incl. gasket				
Cap incl. gasket	17	1	20 ($^3/_4$ in.)	**148B4075**
Cap incl. gasket	17	1	25 (1 in.)	
Grease for packing gland (tube)				
Grease for packing gland (tube)	-	1	20 ($^3/_4$ in.)	**148H3445**
Grease for packing gland (tube)	-	1	25 (1 in.)	

Constant pressure valve
Type CVMD



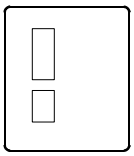
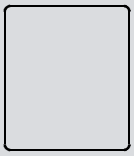
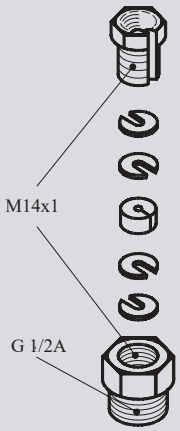
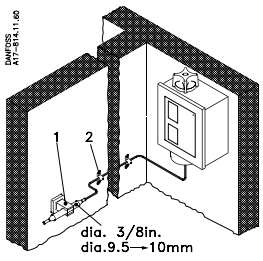
Description	Pos. #	Qty.	Code no.
Repair kit			
Gasket	9	2	**027B0161**
Diaphragm	16	2	
Orifice	43	1	
Flange gaskets			
Gasket	64	2	**020-2133**

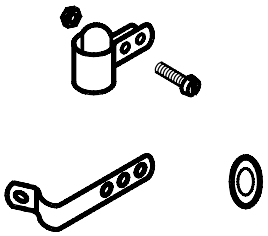
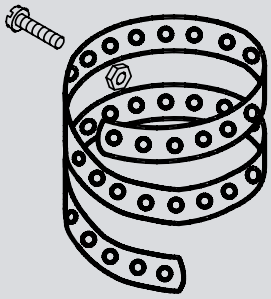
Pressure controls
Type RT

Description		Qty	Code no.
	**Sensor holder kit**		**017-420166**
	Sensor holder (1)	1	
	Clamp (2)	4	
	**Sensor clamp**		**017-420366**
	Clamp	1	
	Screw	1	
	Nut	1	
	**Clamping band**		**017-420466**
	Band	1	
	Screw	1	
	Nut	1	
	**Capillary tube gland**		**017-422066**
	Rubber gasket	1	
	Union	1	
	Gland	1	
	Washer	4	

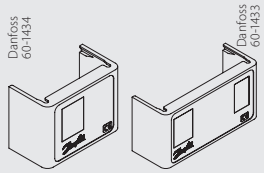
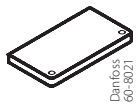
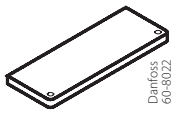
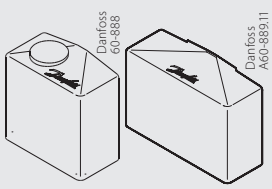
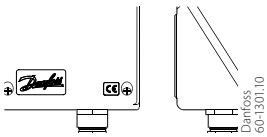
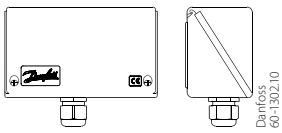
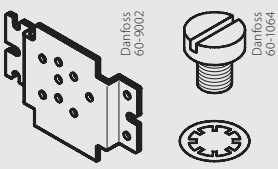
Description		Qty	Code no.
	**Sensor pocket,** G ½A (ISO 228/1)		
	Screw-in depth: 112 mm, material: brass		**017-437066**
	Screw-in depth: 465 mm, material: brass		**017-421666**
	Screw-in depth: 112 mm, material: stainless steel 18/8		**017-436966**
	Sensor pocket	1	
	Union	1	
	Washer	1	
	Rubber plug	1	
	Washer	2	

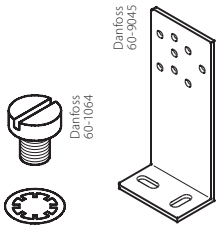
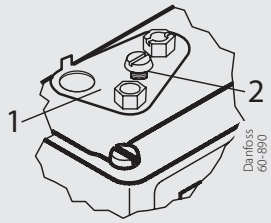
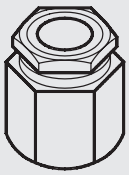
Thermostats, Type RT

Description		Qty	Code no.
	**Cover with pane**		**017-436166**
	Cover	1	
	Screws	4	
	**Cover without pane**		**017-436266**
	Cover	1	
	Screws	4	
	Seal screw for cover	1	**017425166**
	Protective cap	1	**017-436066**
	Seal screw for cap	1	**017-425166**
	Setting knob	1	**017-436366**
	**Capillary tube gland**		**017-422066**
	Rubber gasket	1	
	Union	1	
	Gland	1	
	Washer	4	
	**Sensor holder kit**		**017-420166**
	Sensor holder (1)	1	
	Clamp (2)	4	

Description		Qty	Code no.
	**Sensor clamp**		**017-420366**
	Clamp	1	
	Screw	1	
	Nut	1	
	**Clamping band**		**017-420466**
	Band	1	
	Screw	1	
	Nut	1	
	**Sensor pocket,** G ½ A (ISO 228/1)		
	Screw-in depth: 112 mm, material: brass		**017-437066**
	Screw-in depth: 112 mm, material: stainless steel 18/8		**017-436966**
	Sensor pocket	1	
	Union	1	
	Washer	1	
	Rubber plug	1	
	Washer	2	

Pressure switches
Type KP

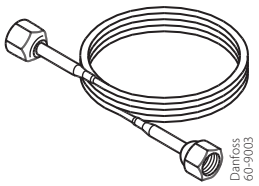
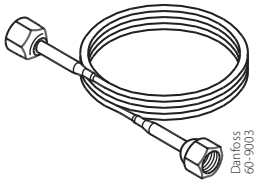
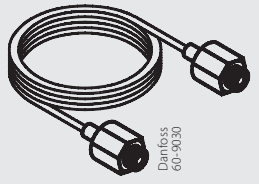
Description		Qty.	Code no.
	**Front cover for single switch**	1	**060-008666 [1])**
	Front cover for dual switch	1	**060-011366 [1])**
	**Top cover for single switch**		**060-109766**
	Top plate	1	
	Screw	2	
	**Top cover for dual switch**		**060-109866**
	Top plate	1	
	Screw	2	
	**Protective cap for single switch**	1	**060-003166**
	Protective cap for dual switch	1	**060-003266**
	**IP55 Enclosure for single switch**	1	**060-033066**
	**IP55 Enclosure for dual switch**	1	**060-035066**
	**Wall bracket**		**060-105566**
	Bracket	1	
	Screw, M4 × 6	4	
	Washer	4	

Description		Qty.	Code no.
	**Angle bracket**		**060-105666**
	Bracket	1	
	Screw, M4 × 6	4	
	Washer	4	
	**Locking plate with screw**		**060-018966**
	Plate (1)	1	
	Screw (2)	1	
	**Seal screw for locking plate**	2	**060-105766**
	**Screwed cable entry, Pg 13.5**		**060-105966**
	Cable entry	1	
	Nut	1	

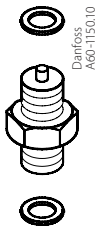
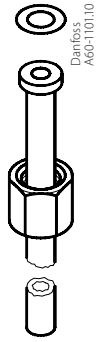
[1]) Can be used only if compliance with UL 353 is not needed.

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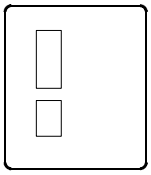
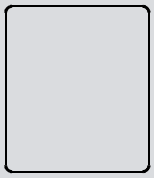
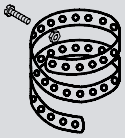
Pressure switches
Type KP

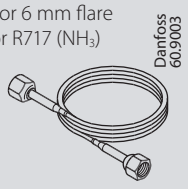
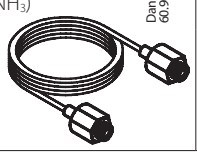
Description		Code no. Multi pack	Code no. Industrial pack
Capillary tube, copper 1/4 inch or 6 mm flare nut	21 mm tube "tail"		
	0.5 m	–	**060-019066** [1]
	1.0 m	**060-004866**	**060-019166** [1]
	1.5 m	–	**060-019266** [1]
	2.0 m	**060-016366**	**060-019366** [1]
	50 mm tube "tail"		
	0.5 m	–	**060-007066** [1]
	1.0 m	**060-017166**	**060-007166** [2]
	1.5 m	–	**060-007266** [1]
	2.25 m	**060-017666**	–
	with Schraeder valve opener		
	0.5 m	–	**060-000466** [1]
	1.0 m	–	**060-000566** [1]
	1.5 m	**060-002366**	–
Capillary tube, steel not for NH_3	1/4 inch or 6 mm flare nut		
	1.0 m	**060-016766**	–
	1.5 m	**060-016866**	–
Capillary tube, steel for NH_3	M10 × 0.75		
	1.0 m	**060-007866**	–
	G 3/8 and M10 × 0.75		
	1.0 m	**060-008266**	–

[1]) 50 pcs.
[2]) 40 pcs.

Description		Qty.	Code no.
	**Nipple** M10 × 0.75 / G 1/4 A		**060-010466**
	Nipple	1	
	Alu gasket	2	
	**Cutting ring coupling** for 6 mm steel tube	1	**060B121066**
	**Weld nipple** M10 × 0.75 for NH_3		**060-005766**
	Union	1	
	Nipple, OD 6 mm × 150 mm	1	
	Alu gasket	1	
	**Damping device, ID = 0.3 mm**	2	**060-104866**

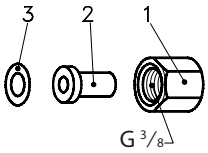
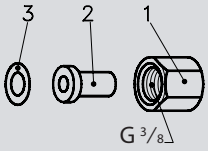
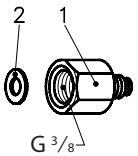
Pressure controls
Type RT

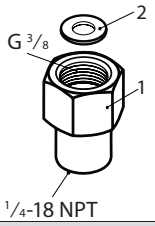
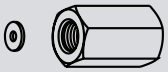
Description		Qty.	Code no.
	**Cover with pane**		**017-436166**
	Cover	1	
	Screws	4	
	**Cover without pane**		**017-436266**
	Cover	1	
	Screw	4	
	**Seal screw for cover**	1	**017-425166**
	**Seal screw for cap**	1	
	**Protective cap**	1	**017-436066**
	**Setting knob**	1	**017-436366**
	**Clamping band**		**017-420466**
	Band	1	
	Screw	1	
	Nut	1	

Description		Code no. Multi pack	Code no. Industrial pack
Capillary tube, copper 1/4 in. or 6 mm flare 	21 mm tube "tail"		
	0.5 m	–	**060-019066** [1]
	1.0 m	**060-004866**	**060-019166** [1]
	1.5 m	–	**060-019266** [1]
	2.0 m	**060-016366**	**060-019366** [1]
	2.25 m	**060-017666**	–
	50 mm tube "tail"		
	0.5 m	–	**060-007066** [1]
	1.0 m	**060-017166**	**060-007166** [2]
	1.5 m	–	**060-007266** [1]
	with Schraeder valve opener		
	0.5 m	–	**060-000466** [1]
	1.0 m	–	**060-000566** [1]
	1.5 m	**060-002366**	–
Capillary tube, steel 1/4 in. or 6 mm flare not for R717 (NH_3) 	1.0 m	**060-016766**	–
	1.5 m	**060-016866**	–
Capillary tube, steel G 3/8 and M10 x 0.75 for R717 (NH_3) 	1.0 m	**060-008266**	–

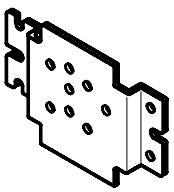
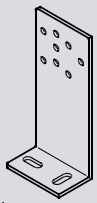
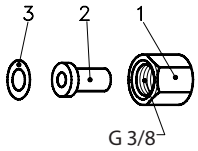
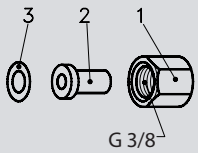
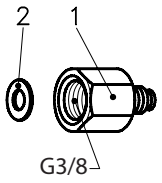
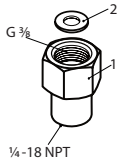
[1]) 50 pcs.
[2]) 40 pcs.

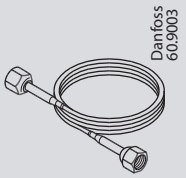
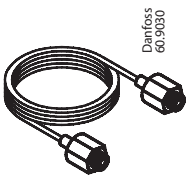
Pressure controls
Type RT

Description		Qty.	Code no.
	**Solder nipple for G 3/8**		**017-436866**
	1. Union	1	
	2. Nipple ID 8 mm / OD 10 mm	1	
	3. Alu gasket	1	
	**Weld nipple for G 3/8**		**017-422966**
	1. Union	1	
	2. Nipple, OD 10 mm	1	
	3. Alu gasket	1	
	**Reducer G 3/8** 1/4 in. flare		**017-420566**
	1. Reducer	1	
	2. Alu gasket	1	

Description		Qty.	Code no.
	**Adaptor** **3/8 G x 1/4-18 NPT**		
	1. Adapter	1	**060B030266**
	2. Alu gasket	1	
	**Reducer M10 x 0.75** 1/4 – 18 NPT		**060-014166**
	1. Nipple	1	
	2. Alu gasket	1	
	**Alu gasket** for reducer and nipple	2	**060B120866**
	**Cutting ring coupling** for 6 mm steel tube	1	**060B121066**

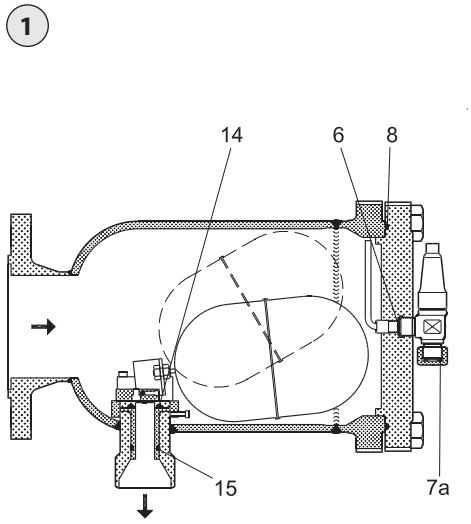
Differential pressure switches
Types MP 54, MP 55 and MP 55A

Description		Qty.	Code no.
	**Wall bracket**		**060-105566**
	Bracket	1	
	Screw, M4 × 5	4	
	Washer	4	
	**Angle bracket**		**060-105666**
	Bracket	1	
	Screw, M4 × 5	4	
	Washer	4	
	**Solder nipple for G 3/8**		**017-436866**
	1. Union	1	
	2. Nipple, ID 8 mm/ OD 10 mm	1	
	3. Alu gasket	1	
	**Weld nipple for G 3/8**		**017-422966**
	1. Union	1	
	2. Nipple, OD 10 mm	1	
	3. Alu gasket	1	
	**Reducer G 3/8 – ¼ in. flare**		**017-420566**
	1. Reducer	1	
	2. Alu gasket	1	
	Alu gasket for reducer and nipple		**060B120866**
	2. Alu gasket	2	
	**Cutting ring coupling** for 6 mm steel tube	1	**060B121066**
	**Adaptor G 3/8 x ¼ – 18 NPT**		
	1. Adapter	1	**060B030266**
	2. Alu gasket	1	

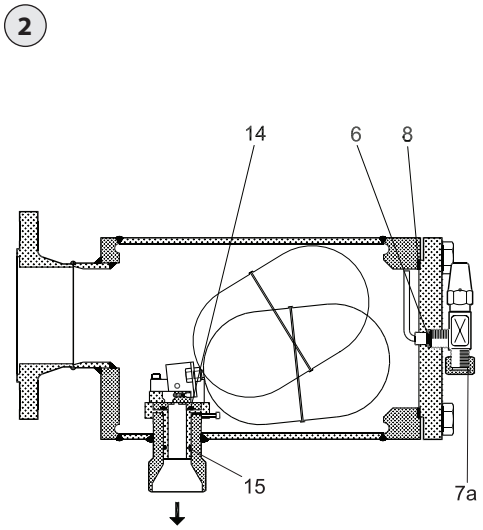
Description		Code no. Multi pack	Code no. Industrial pack
Capillary tube, copper ¼ in. or 6 mm flare nut	21 mm tube "tail"		
	0.5 m	–	**060-019066** [1]
	1.0 m	**060-004866**	**060-019166** [1]
	1.5 m	–	**060-019266** [1]
	2.0 m	**060-016366**	**060-019366** [1]
	50 mm tube "tail"		
	0.5 m	–	**060-007066** [1]
	1.0 m	**060-017166**	**060-007166** [2]
	1.5 m	–	**060-007266** [1]
	with Schraeder valve opener		
	0.5 m	–	**060-000466** [1]
	1.0 m	–	**060-000566** [1]
Capillary tube, steel ¼ in. or 6 mm flare nut not for NH_3	1.0 m	**060-016766**	–
	1.5 m	**060-016866**	–
Capillary tube, stainless steel 18/8 G ½ for NH_3	1.0 m	**060-016966**	–
			

[1]) 50 pcs.
[2]) 40 pcs.

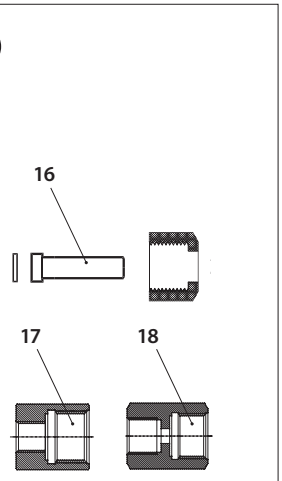
Float valve
Type HFI



Before 2003



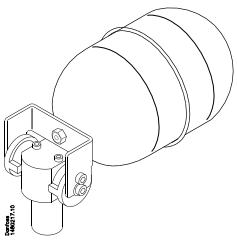
After 2003



Description	Type of nozzle (nominal capacity)	Pos. #	Qty.	Code no.
Repair kit, complete set of gaskets				
Gasket Gasket O-ring for housing/end cover (Before 2003) Gasket for housing/end cover (After 2003) O-ring O-ring	040	6 7a 8 8 14 15	1 1 1 1 1 1	**2453+094**
Repair kit, complete set of gaskets				
Gasket Gasket O-ring for housing/end cover (Before 2003) Gasket for housing/end cover (After 2003) O-ring O-ring	050	6 7a 8 8 14 15	1 1 1 1 1 1	**2453+094**
Repair kit, complete set of gaskets				
Gasket Gasket O-ring for housing/end cover (Before 2003) Gasket for housing/end cover (After 2003) O-ring O-ring	060	6 7a 8 8 14 15	1 1 1 1 1 1	**2453+094**
Repair kit, complete set of gaskets				
Gasket Gasket O-ring for housing/end cover (Before 2003) Gasket for housing/end cover (After 2003) O-ring O-ring	070	6 7a 8 8 14 15	1 1 1 1 1 1	**2453+094**

Description	Type of nozzle (nominal capacity)	Pos. #	Qty.	Code no.
Complete renewal kit*				
Gasket Gasket O-ring for housing/end cover (Before 2003) Gasket for housing/end cover (After 2003) Complete insert including the float ball (R717)	040	6 7a 8 8 -	1 1 1 1 1	**148G3661**
Gasket Gasket O-ring for housing/end cover (Before 2003) Gasket for housing/end cover (After 2003) Complete insert including the float ball (R717)	050	6 7a 8 8 -	1 1 1 1 1	**148G3662**
Gasket Gasket O-ring for housing/end cover (Before 2003) Gasket for housing/end cover (After 2003) Complete insert including the float ball (R717)	060	6 7a 8 8 -	1 1 1 1 1	**148G3663**
Gasket Gasket O-ring for housing/end cover (Before 2003) Gasket for housing/end cover (After 2003) Complete insert including the float ball (R717)	070	6 7a 8 8 -	1 1 1 1 1	**148G3584**
Welding nipple - G½-ND6				
Welding nipple including aluminium gasket	-	16	2	**148B4184**
Aluminium gaskets included - ¼" FPT – ½" G	-	17	1	**148B3860**
Aluminium gaskets included - 3/8" G - ½" G	-	18	1	**148B3861**

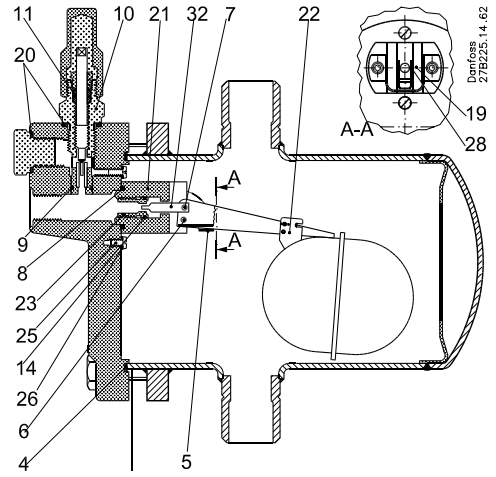
* The float mechanism is assembled and adjusted from factory



HFI insert after 2006

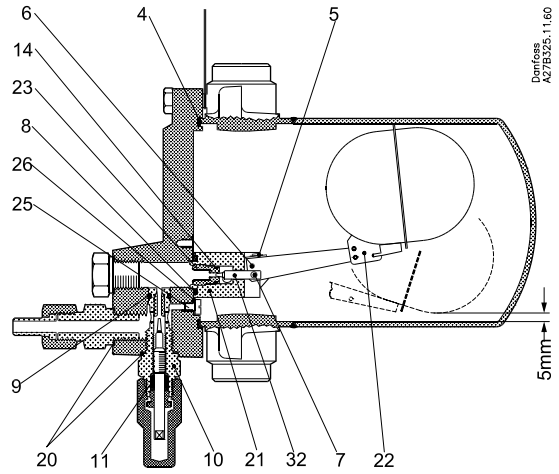
Float valves
Types SV 1 and SV 3

1



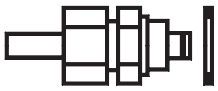
Before May 2002

2



After May 2002

3



4



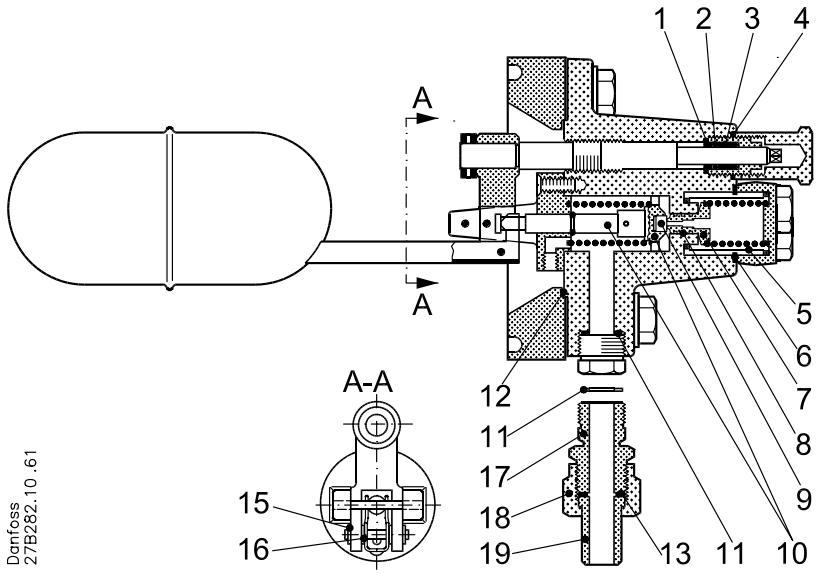
5



Description	Pos. #	Qty.	size	Code no.
Insert assembly, fig. 1 and fig. 2				
Clamp	5	1	1	**027B2051**
Pin	6	1	1	
Pin	7	1	1	
O-ring	8	1	1	
O-ring	14	1	1	
Spring washer	19	2	1	
Valve body	21	1	1	
Float assembly	22	1	1	
Orifice	23	1	1	
Screw	25	2	1	
Nut	28	2	1	
Needle	32	1	1	
Clamp	5	1	3	**027B2053**
Pin	6	1	3	
Pin	7	1	3	
O-ring	8	1	3	
O-ring	14	1	3	
Spring washer	19	2	3	
Valve body	21	1	3	
Float assembly	22	1	3	
Orifice	23	1	3	
Screw	25	2	3	
Nut	28	2	3	
Needle	32	1	3	
Service kit, fig. 1 and fig. 2				
Pin	6	1	1	**027B2055**
Pin	7	1	1	
O-ring	14	1	1	
Orifice	23	1	1	
Needle	32	1	1	
Pin	6	1	3	**027B2056**
Pin	7	1	3	
O-ring	14	1	3	
Orifice	23	1	3	
Needle	32	1	3	
Bypass valve, fig. 1 and fig. 2				
O-ring	9	1	1	**027B2046**
Valve assembly	10	1	1	
Gasket	20	1	1	
O-ring	9	1	3	**027B2046**
Valve assembly	10	1	3	
Gasket	20	1	3	

Description	Pos. #	Qty.	size	Code no.
Seal kit, fig. 1 and fig. 2				
Gasket	4	1	1 and 3	**027B2045**
O-ring	8	1	1 and 3	
O-ring	9	1	1 and 3	
Teflon gasket	11	1	1 and 3	
O-ring	14	1	1 and 3	
Gasket	20	2	1 and 3	
Gasket	26	1	1 and 3	
Seal kit, fig. 1 and fig. 2				
Gasket	4	1	1 and 3	**027B2061**
Pilot connector, fig. 3				
Solder/weld ID 6.5/OD 10 mm	-	1	1 and 3	**027B2047**
Nipple assembly	-	1	1 and 3	
Gasket	-	1	1 and 3	
Seal kit, fig. 4				
Solder/weld pilot connector	-	1	1 and 3	**027B2028**
Alu gasket	-	4	1 and 3	
Gasket	-	4	1 and 3	
Pilot connector, fig. 5				
Nipple	-	4	1 and 3	**027B2033**
Gasket	-	4	1 and 3	

Float valves
Types SV 4, SV 5 and SV 6

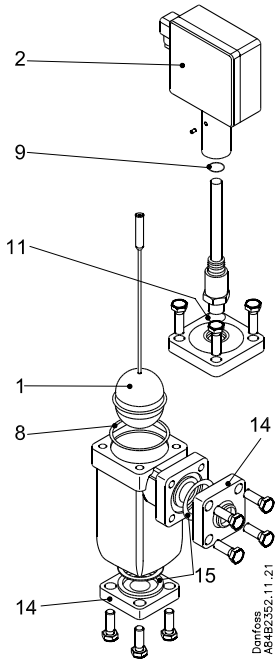


Description	Pos. #	Qty.	Code no.
Seal kit			
Sealing ring	1	1	027B2070
O-ring	2	2	
Washer	3	1	
Washer, nylon	4	1	
Gasket	6	1	
Alu gasket	11	2	
Gasket	12	1	
Alu gasket	13	2	
Alu gasket	14	2	
Service kit			
Valve plate, teflon	9	1	027B2073
Cone incl. tap	10	1	
Locking ring	15	2	
Washer, nylon	16	2	
Strainer			
Strainer	5	1	027B2071
Orifice assembly			
Gasket	6	1	027B2080
Orifice dia. 1.0 mm	7	1	
O-ring	8	1	
Valve plate, nylon	9	1	
Orifice assembly			
Gasket	6	1	027B2081
Orifice dia. 1.5 mm	7	1	
O-ring	8	1	
Valve plate, nylon	9	1	
Orifice assembly			
Gasket	6	1	027B2082
Orifice dia. 2.0 mm	7	1	
O-ring	8	1	
Valve plate, nylon	9	1	

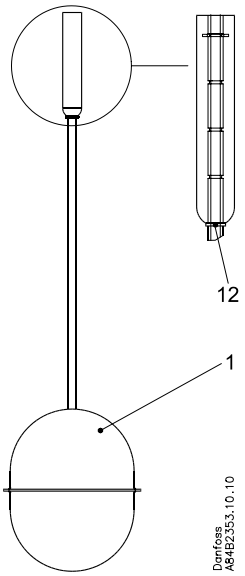
Description	Pos. #	Qty.	Code no.
Orifice assembly			
Gasket	6	1	027B2083
Orifice dia. 1.0 mm	7	1	
O-ring	8	1	
Valve plate, nylon	9	1	
Orifice assembly			
Gasket	6	1	027B2084
Orifice dia. 1.0 mm	7	1	
O-ring	8	1	
Valve plate, nylon	9	1	
Orifice assembly (default SV 4)			
Gasket	6	1	027B2085
Orifice dia. 3.0 mm	7	1	
O-ring	8	1	
Valve plate, nylon	9	1	
Orifice assembly (default SV 5)			
Gasket	6	1	027B2086
Orifice dia. 3.5 mm	7	1	
O-ring	8	1	
Valve plate, nylon	9	1	
Orifice assembly (default SV 6)			
Gasket	6	1	027B2087
Orifice dia. 4.0 mm	7	1	
O-ring	8	1	
Valve plate, nylon	9	1	
Orifice assembly (default SV 6)			
Alu gasket	11	1	027B2075
Alu gasket	13	1	
Nipple	17	1	
Union	18	1	
Welding nipple	19	1	

Liquid level switches
Type AKS 38

1



2

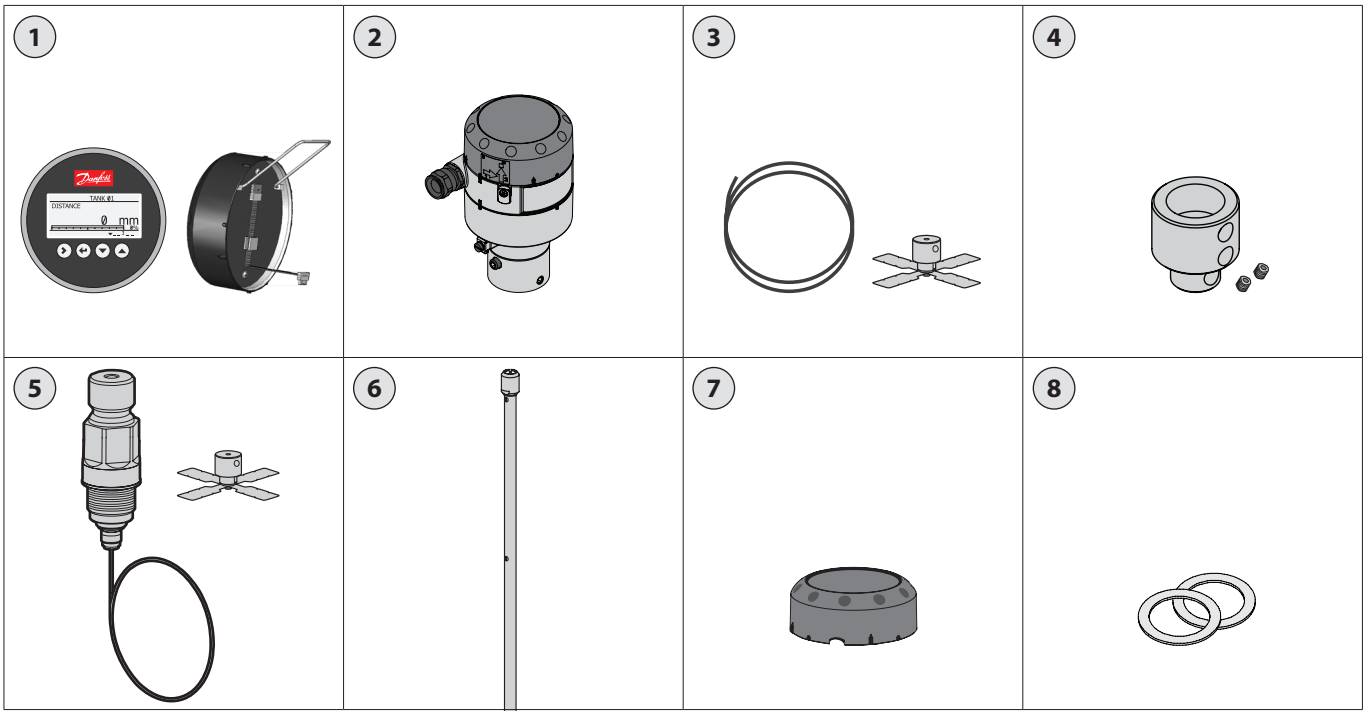


Description	Pos. #	Qty.	Code no.
Electrical switch box, fig. 1			
Switch box	2	1	**148H3202**
Internal float assembly, fig. 1 and Fig. 2			
Internal float assembly	1	1	**148H3203**
Locking ring for internal float	12	2	
Repair kit, fig. 1 and Fig. 2			
Top cover gasket	8	1	**148H3200**
O-ring for pressure tube	9	1	
Alu. gasket	11	1	
Flange gasket	15	2	
Locking ring for internal float	12	2	

Description	Pos. #	Qty.	Code no.
Flanges, fig. 1			
AKS 38 Butt Weld, DIN DN 25 (1 in.)	14	2	**027N1026**
AKS 38 Butt Weld, ANSI DN 25 (1 in.)	14	2	**027N2023**
AKS 38 Socket Weld, ANSI DN 20 (3/4 in.)	14	2	**027N2012**
KS 38 Socket Weld, ANSI DN 25 (1 in.)	14	2	**027N2013**
AKS 38 FPT, NPT DN 20 (3/4 in.)	14	2	**027G1007**

Please observe:
Same flanges as for NRVA 25 and NRVA 32

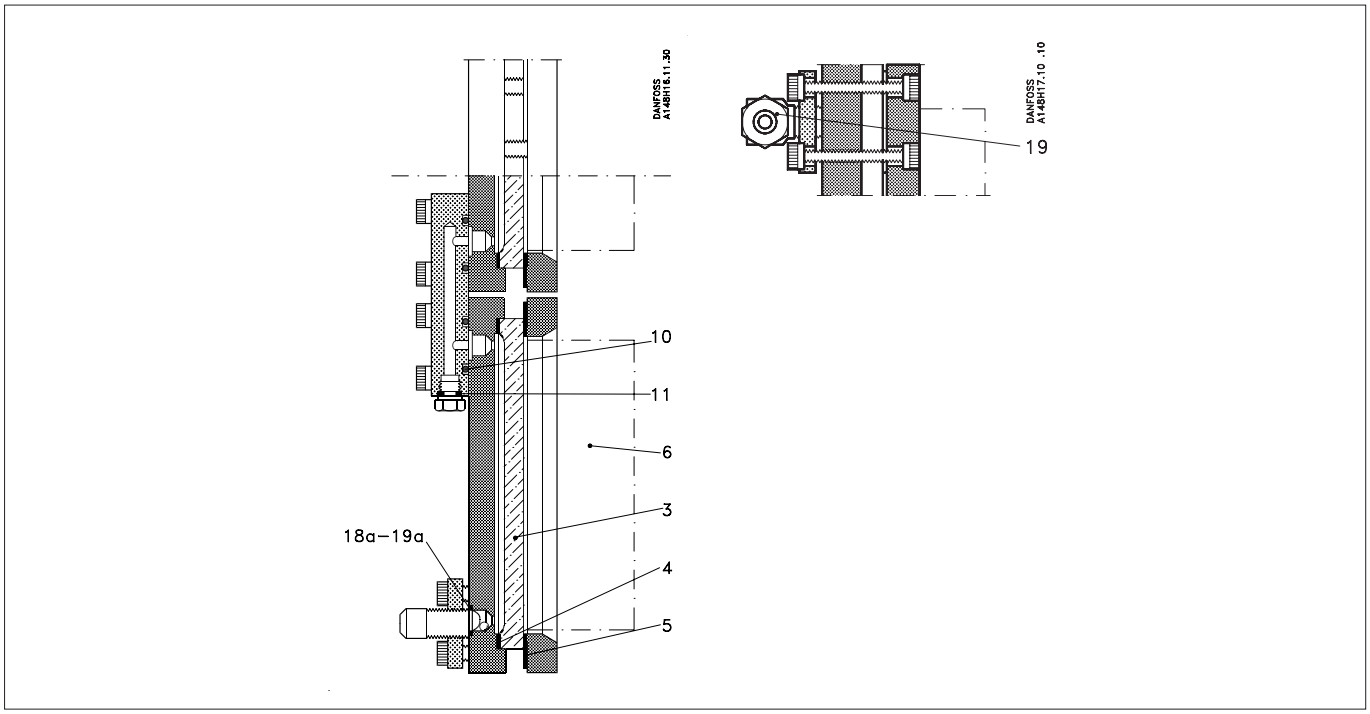
Liquid level sensor
Type AKS 4100/4100U



Description	Fig.. #	Qty.	Code no.
Accessories			
AKS 4100/4100U HMI Service/Display unit with rear cover and mounting bracket	1	1	**084H4540**
AKS 4100/4100U HMI Display	1	1	**084H4548**
AKS 4100/4100U Signal Converter without HMI, excluding cable gland	2	1	**084H4541**
Service kit Cable and counterweight for AKS 4100/4100U - CABLE version			
Cable - 5 m (197 in.) Ø2 mm (Ø0.08 in.)	3	1	**084H4542**
Crimp	3	1	
Counterweight	3	1	
Service kit End connector incl screws for AKS 4100/4100U - COAXIAL version			
End connector (incl. 3 mm (0.12 in) set screws)	4	1	**084H4549**
Service kit Process connection, counterweight and 5 m (197 in.) Ø2 mm (Ø0.08 in.) cable for AKS 4100 - CABLE and COAXIAL version			
1in. process connection	5	1	**084H4545**
Counterweight	5	1	

Description	Fig.. #	Qty.	Code no.
Service kit Process connection, counterweight and 5 m (197 in.) Ø2 mm (Ø0.08 in.) cable for AKS 4100U - CABLE and COAXIAL version			
3/4in. NPT process connection	5	1	**084H4546**
Counterweight	5	1	
Other spare parts			
Coaxial tube. Tube length : 680 mm (26.8 in.)	6	1	**084H4543**
Blank top cover for signal converter	7	1	**084H4544**
Aluminium gaskets for 1in. process connection	8	10	**084H4547**
AKS 4100 1. in. welding connection	-	1	**027F1010**

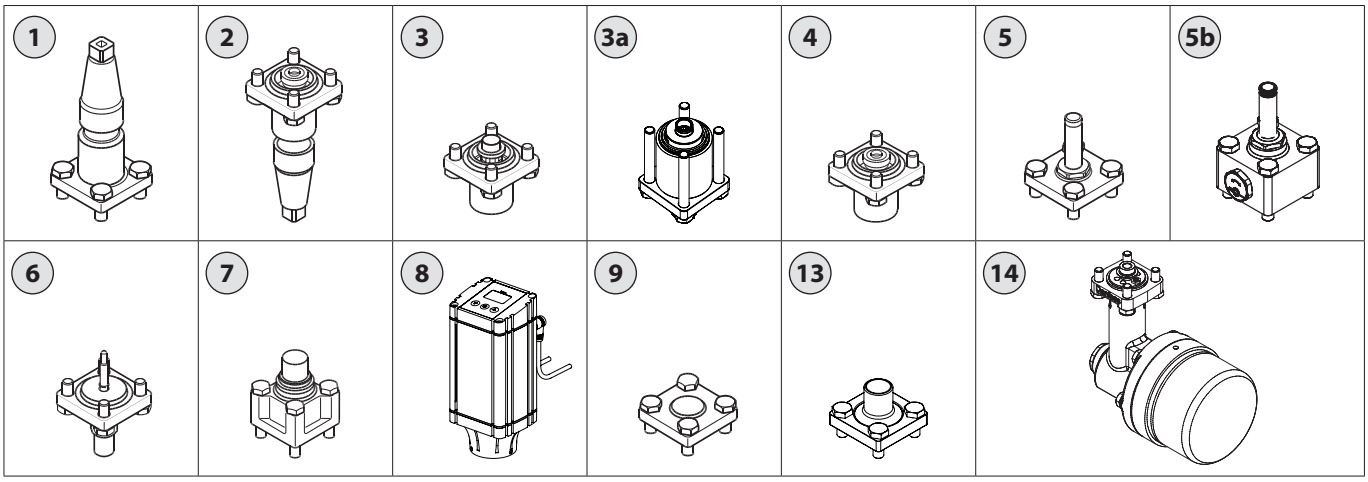
Sight glasses
Types LLG, LLG-S, LLG-F and LLG-SF 185 - 1550 (7¼ - 61 in.)



Description	Pos. #	Qty.	Size	Code no.
Repair kit, complete set of gaskets				
Gasket for sight glass Protective coating for sight glass Gasket for nipple for type LLG Gaskets for stop valve and for nipple	4 5 18a 19a	1	Size 185 (7¼ in.)	**2453+056**
Gasket for sight glass Protective coating for sight glass Gasket for nipple for type LLG Gaskets for stop valve and for nipple	4 5 18a 19a	1	Size 335 (13¼ in.)	**2453+057**
Gasket for sight glass Protective coating for sight glass O-ring for connecting piece for Gasket for connecting piece for Gasket for nipple for type LLG Gaskets for stop valve and for nipple	4 5 10 11 18a 19a	1	Size 590 (23¼ in.)	**2453+058**
Gasket for sight glass Protective coating for sight glass Gasket for nipple for type LLG Gaskets for stop valve and for nipple	4 5 18a 19a	1	Size 740 (29¼ in.)	**2453+059**
Gasket for sight glass Protective coating for sight glass O-ring for connecting piece for Gasket for connecting piece for Gasket for nipple for type LLG Gaskets for stop valve and for nipple	4 5 10 11 18a 19a	1	Size 995 (39¼ in.)	**2453+060**
Gasket for sight glass Protective coating for sight glass O-ring for connecting piece for Gasket for connecting piece for Gasket for nipple for type LLG Gaskets for stop valve and for nipple	4 5 10 11 18a 19a	1	Size 1145 (45 in.)	**2453+061**
Gasket for sight glass Protective coating for sight glass O-ring for connecting piece for Gasket for connecting piece for Gasket for nipple for type LLG Gaskets for stop valve and for nipple	4 5 10 11 18a 19a	1	Size 1550 (61 in.)	**2453+062**

Description	Pos. #	Qty.	Size	Code no.
Sight glass				
Sight glass	3	1	Size 185 (7¼ in.)	**148H3034**
Sight glass	3	1	Size 335 (13¼ in.)	**148H3035**
Sight glass	3	1	Size 590 (23¼ in.)	**148H3036**
Sight glass	3	1	Size 740 (29¼ in.)	**148H3037**
Sight glass	3	1	Size 995 (39¼ in.)	**148H3038**
Spare part kit for LLG-F and LLG-SSF				
Sight adapter	6	1	Size 185 (7¼ in.)	**148H3041**
Sight adapter	6	1	Size 335 (13¼ in.)	**148H3042**
Sight adapter	6	1	Size 590 (23¼ in.)	**148H3043**
Sight adapter	6	1	Size 740 (29¼ in.)	**148H3044**
Sight adapter	6	1	Size 995 (39¼ in.)	**148H3045**
Sight adapter	6	1	Size 1145 (45 in.)	**148H3046**
Sight adapter	6	1	Size 1550 (61 in.)	**148H3047**
Stop valve				
Stop valve, type SNV-ST	19	1	All	**148B3769**

Valve station
ICF 15, ICF EVRAT, ICF 20, ICF SS 20

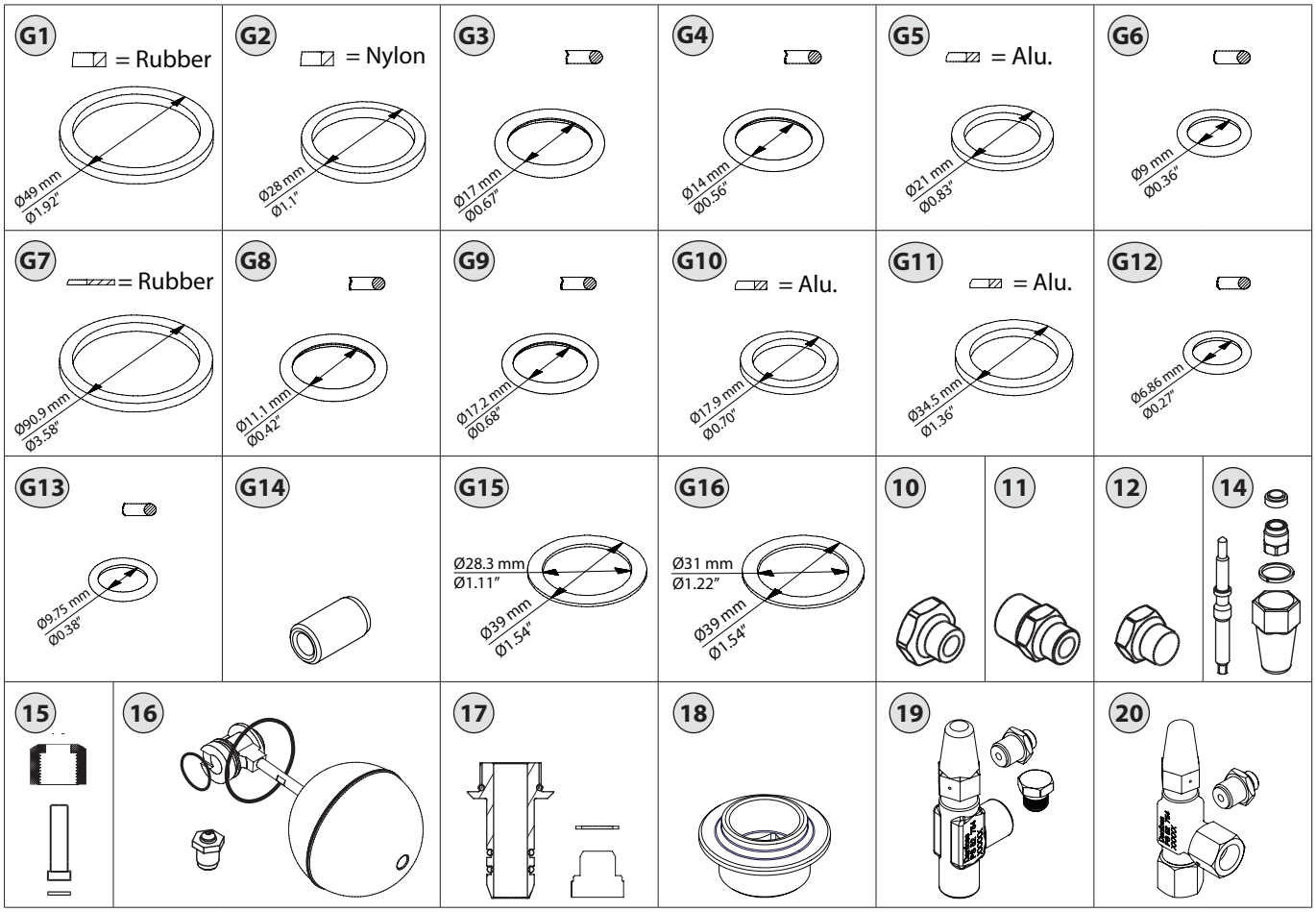


Description	Fig #	Qty.	Code no.
Stop, Check, Stop/check and Regulating valve module			
ICFS 15 – Stop valve module	1	1	**148B5276**
ICFS 20 – Stop valve module	1	1	**027L1250**
ICFS SS 20 – Stop valve module	1	1	**027L4772**
ICFR 20A – Manual regulating valve (incl. PEEK seat)	1	1	**027L1254**
ICFR SS 20A – Manual regulating valve (incl. PEEK seat)	1	1	**027L4773**
ICFR 20B – Manual regulating valve (incl. PEEK seat)	1	1	**027L1255**
ICFR SS 20B – Manual regulating valve (incl. PEEK seat)	1	1	**027L4774**
ICFN 20 – Stop/check valve module	2	1	**027L1253**
ICFN SS 20 – Stop/check valve module	2	1	**027L4788**
ICFC 20 – Check valve module	4	1	**027L1252**
ICFC SS 20 – Check valve module	4	1	**027L4775**
Packing gland for ICFS 20, ICFR 20, ICFN 20	-	1	**148B4056**
Red cap for ICFS 20	-	1	**148B4075**
Yellow cap for ICFR 20	-	1	**027L1306**
Green cap for ICFN 20	-	1	**027L1316**
Handwheel for ICFS 20	-	1	**148B4060**
Inspection kit for ICFS 15	-	1	**148B6051**
Repair kit for ICFS 15	-	1	**148B6061**
Overhaul kit for ICFS 15	-	1	**148B6151**
Filter module			
ICFF 15 - Filter module G 1/4"	-	1	**027L1246**
ICFF 15 - Filter module 3/8" NPT	-	1	**027L1247**
ICFF 20 – Filter module (incl. adaptor and pleated insert (150 µ (100 mesh) / 45 cm2 (7.0 in^2)	3	1	**027L1251**
ICFF SS 20 – Filter module (incl. adaptor and pleated insert (150 µ (100 mesh) / 45 cm2 (7.0 in^2)	3	1	**027L4776**
ICFF 20E – Filter module (incl. adaptor and pleated insert (150 µ (100 mesh) / 160 cm2 (24.8 in^2)	3a	1	**027L2256**
ICFF SS 20E – Filter module (incl. adaptor and pleated insert (150 µ (100 mesh) / 160 cm2 (24.8 in^2)	3a	1	**027L4777**
Filter element for ICFF 15	-	1	**148H1136**
Filter element for ICFF 20 74 µ	-	1	**148H3292**
Filter element pleated for ICFF 20 250 µ	-	1	**148H3363**
Filter element pleated for ICFF 20E, 250 µ	-	1	**148H3269**
Filter element for ICFF 20, ICFF SS 20, 150µ, 45 cm^2	-	1	**027L0801**
Filter element for ICFF 20E, ICFF SS 20E, 150µ, 160cm^2	-	1	**027L0800**
Solenoid valve module			
ICFE 20 – Solenoid valve module (incl. PEEK seat)	5	1	**027L1257**
ICFE SS 20 – Solenoid valve module (incl. PEEK seat)	5	1	**027L4778**
ICFE 20H – Solenoid valve module High Capacity	5b	1	**027L1270**
ICFE SS 20H – Solenoid valve module High Capacity	5b	1	**027L4779**
Repair kit for ICFE 20: Armature assembly, Diaphragm assembly, Al. gasket, O-ring	-	1	**032F8030**

Description	Fig #	Qty.	Code no.
Manual opening module			
ICFO 20 – Manual opening module	6	1	**027L1260**
ICFO SS 20 – Manual opening module	6	1	**027L4786**
Electronic expansion valve module			
ICFA 20 – Electronic expansion valve module (incl. PEEK seat)	5	1	**027L1258**
ICFA SS 20 – Electronic expansion valve module (incl. PEEK seat)	5	1	**027L4780**
Armature kit for ICFA 20 Armature, Armature tube assembly, Alu gasket	-	1	**068F5045**
Motor valve module			
ICM 20-A33 – Motor valve module (incl. PEEK seat)	7	1	**027H1186**
ICM SS 20-A33 – Motor valve module (incl. PEEK seat)	7	1	**027L4785**
ICM 20-A – Motor valve module (incl. PEEK seat)	7	1	**027H1180**
ICM SS 20-A – Motor valve module (incl. PEEK seat)	7	1	**027L4782**
ICM 20-B66 – Motor valve module (incl. PEEK seat)	7	1	**027H1194**
ICM SS 20-B66 – Motor valve module (incl. PEEK seat)	7	1	**027L4781**
ICM 20-B – Motor valve module (incl. PEEK seat)	7	1	**027H1181**
ICM SS 20-B – Motor valve module (incl. PEEK seat)	7	1	**027L4783**
ICM 20-C – Motor valve module (incl. PEEK seat)	7	1	**027H1182**
ICM SS 20-C – Motor valve module (incl. PEEK seat)	7	1	**027L4784**
ICAD 600A – Actuator with 1.5 m (60 in.) cables	8	1	**027H9075**
ICAD 600A – Actuator without cables	8	1	**027H9120**
Blank top cover and welding module			
ICFB 20 – Blank top cover	9	1	**027L1259**
ICFB SS 20 – Blank top cover	9	1	**027L4787**
ICFW 20 – Welding module 20 DIN	13	1	**027L1245**
ICFW SS 20 – Welding module 20 DIN	13	1	**027L4789**
ICFW 20 – Welding module 3/4" SOC	13	1	**027L1230**
Defrost module			
ICFD 20	14	1	**027L6701**

All modules include a gasket and four bolts when supplied.

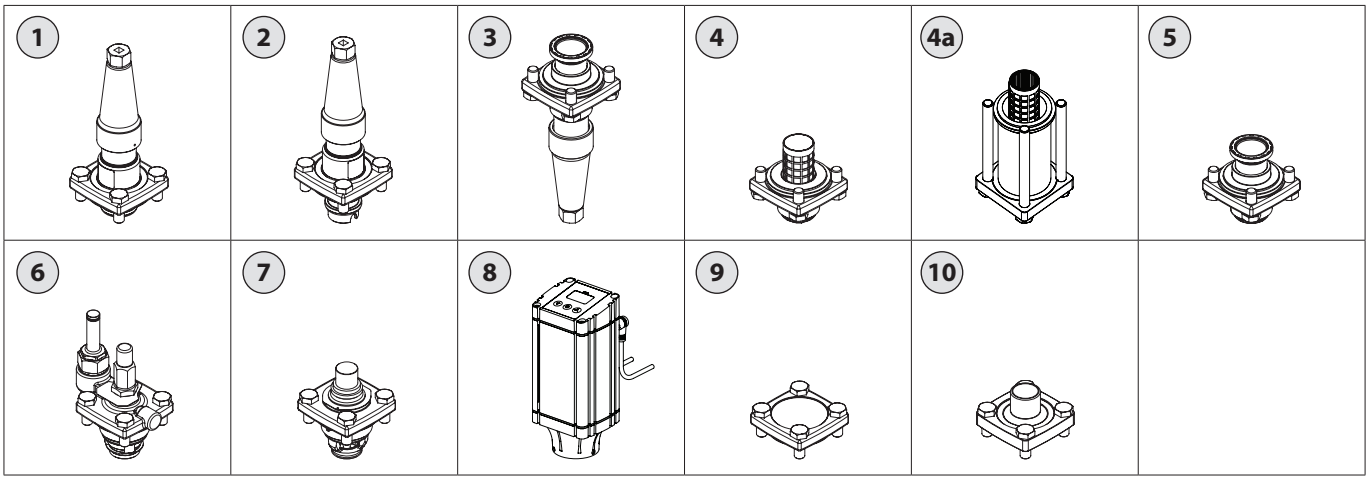
Valve station
ICF 15, ICF EVRAT, ICF 20, ICF SS 20



Description	Fig #	Qty.	Code no.
Gaskets and O-rings for ICF 15			
- Rubber gasket M3, M4 - Fiber gasket M1 - Fiber gasket M2 - Al-gaskets for side ports - O-ring for armature - Gasket for Cap - O-ring for PEEK seat	G1 G15 G16 G5 G4 G2 G3	2 1 1 2 1 2 2	**027L1271**
Gaskets and O-rings for ICF 20/ICF SS 20			
- Rubber gasket bonnet-flange	G1	6	**027L1261**
Stop, reg. and stop-check valves and ICM: - Gasket for a cap - O-ring for PEEK seat - O-ring for packing gland	 G2 G3 G6	 3 2 1	
Solenoid valve module: - O-ring for armature - O-ring for PEEK seat	 G4 G3	 1 1	
Al-gaskerts for side ports	G5	6	
Defrost Module: - Rubber gasket bonnet-flange - Gasket for Float housing flange - O-ring Inlet connector - O-ring Inlet connector - Al-gasket for Drain plug - Al-gasket for Union nut - O-ring Manual opener - O-ring Manual opener - Dowel Pin	 G1 G7 G8 G9 G10 G11 G12 G13 G14	 1 1 2 1 1 1 1 1 1	**027L6702**
PEEK seat set for ICM /ICF 20			
- Seat PEEK - Rubber gasket - O-ring for PEEK seat	18 G1 G3	1 1 1	**027L1272**
Defrost Module SNV service kit (NPT thread)			
- Al gasket - Adapter G1/4" - 3/8" MPT - SNV ST 3/8" FPT - 3/8" FPT - Blind Plug 3/8" MPT	19	1 1 1 1	**148B6607**

Description	Fig #	Qty.	Code no.
Defrost Module SNV service kit (G thread)			
- Al gasket - Adapter G1/4" - G1/2" - SNV ST G1/2" - G1/2"	20	3 1 1	**148B3778**
Defrost Module repair kit			
Float, Float lever, Slider, Liquid orifice (incl. O-ring), O-ring for Orifice holder , AKV orifice, 2 x O-ring for Inlet connector	16	1	**027L6703**
Defrost Module inlet connector / drain plug			
- Inlet connector - O-ring for inlet connector - Plug G ¼" - Alu gasket	17	1 3 1 1	**027L6704**
For ICF/ICF SS side ports			
For ICF side ports: Sight glass G $^{3}/_{8}$" (including Al.gasket	10	2	**027L1267**
For ICF SS side ports: Sight glass G $^{3}/_{8}$" (including Al.gasket	10	2	**027L4812**
Nipple for side connection G $^{3}/_{8}$" - G 1$/_{2}$" (including Al.gasket, for ICF with DIN and ANSI connections only)	11	2	**027L1266**
Nipple for side connection G $^{3}/_{8}$" - G 1$/_{2}$" (including Al.gasket, for ICF SS	11	2	**027L4810**
Blind for side connection G $^{3}/_{8}$" (including Al.gasket, for ICF with DIN and ANSI connections only)	12	2	**027L1265**
Blind for side connection G $^{3}/_{8}$" (including Al.gasket, for ICF SS	12	2	**027L4811**
Sight glass NPT $^{3}/_{8}$" (for ICF with SOC connections only)	10	2	**027L1269**
Blind for side connection NPT $^{3}/_{8}$" (for ICF with SOC connections only)	12	2	**027L1268**
½ in to DIN DN6 pipe weld connector for ICF	15	2	**148B4184**
½ in to DIN DN6 pipe weld connector for ICF SS	15	2	**148B4689**
For ICF EVRAT			
Repair kit (manual opener) for all ICF EVRAT	14	1	**027L1248**

Valve station
ICF 25, ICF SS 25

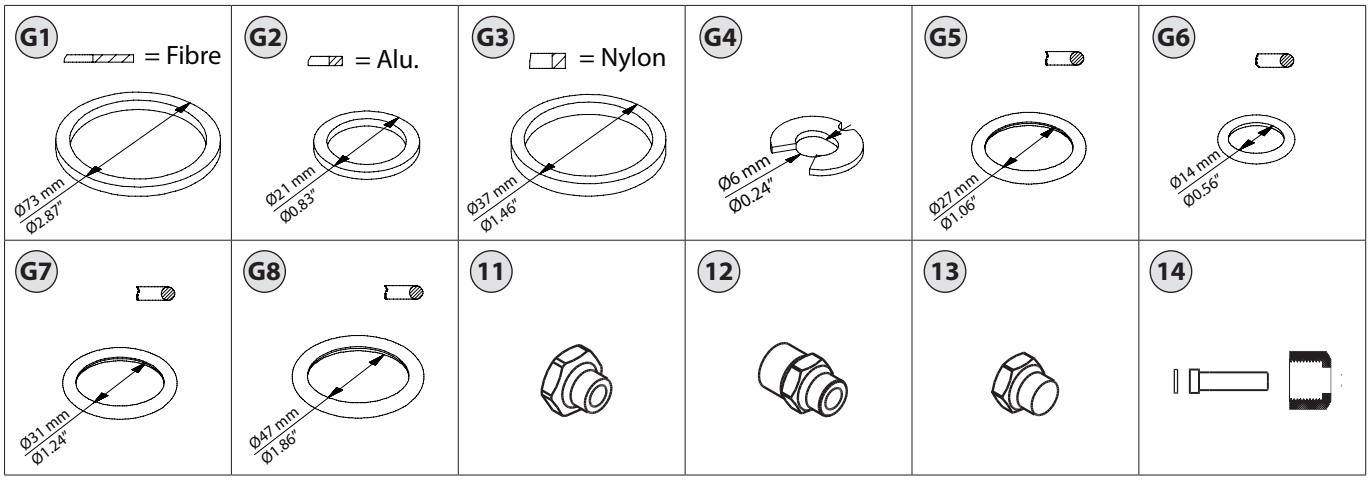


Description	Fig #	Qty.	Code no.
Stop, Check, Stop/check and Regulating valve module			
ICFS 25 – Stop valve module	1	1	**027L2250**
ICFS SS 25 – Stop valve module	1	1	**027L4791**
ICFR 25A – Manual regulating valve	2	1	**027L2254**
ICFR SS 25A – Manual regulating valve	2	1	**027L4792**
ICFR 25B – Manual regulating valve	2	1	**027L2255**
ICFR SS 25B – Manual regulating valve	2	1	**027L4793**
ICFN 25 – Stop/Check valve module	3	1	**027L2253**
ICFN SS 25 – Stop/Check valve module	3	1	**027L4803**
ICFC 25 – Check valve module	5	1	**027L2252**
ICFC SS 25 – Check valve module	5	1	**027L4794**
Packing gland for ICFS 25, ICFR 25, ICFN 25	-	1	**148B4037**
Red cap for ICFS 25	-	1	**148B4076**
Yellow cap for ICFR 25	-	1	**027L1308**
Green cap for ICFN 25	-	1	**027L1318**
Handwheel for ICFS 25	-	1	**148B4062**
Filter module			
ICFF 25 – Filter module (incl. pleated insert (150 µ (100 mesh) / 160 cm2 (24.8 in2))	4	1	**027L2251**
ICFF SS 25 – Filter module (incl. pleated insert (150 µ (100 mesh) / 160 cm2 (24.8 in2))	4	1	**027L4795**
ICFF 25E – Filter module (incl. pleated insert (150µ (100 mesh) / 330 cm2 (51.2 in2))	4a	1	**027L2299**
ICFF SS 25E – Filter module (incl. pleated insert (150µ (100 mesh) / 330 cm2 (51.2 in2))	4a	1	**027L4796**
Filter element for ICFF 25 100 µ	-	1	**148H3123**
Filter element pleated for ICFF (25-40)E 250 µ	-	1	**148H3296**
Filter element for ICFF 25, ICFF SS 25, 150 µ - 160cm^2	-	1	**027L0800**
Filter element for ICFF 25E, ICFF SS 25E, 150 µ - 330 cm^2	-	1	**027L0802**

Description	Fig #	Qty.	Code no.
Solenoid valve module			
ICFE 25 – Solenoid valve module	6	1	**027L2257**
ICFE SS 25 – Solenoid valve module	6	1	**027L4797**
Motor valve module			
ICM 25-A – Motor valve module	7	1	**027H2180**
ICM SS 25-A – Motor valve module	7	1	**027L4798**
ICM 25-B – Motor valve module	7	1	**027H2181**
ICM SS 25-B – Motor valve module	7	1	**027L4799**
ICAD 600A – Actuator with 1.5 m (60 in.) cables,	8	1	**027H9075**
ICAD 600A – Actuator without cables	8	1	**027H9120**
Blank top cover and welding module			
ICFB 25 – Blank top cover	9	1	**027L2259**
ICFB SS 25 – Blank top cover	9	1	**027L4802**
ICFW 25 – Welding module 25DIN	10	1	**027L2265**
ICFW SS 25 – Welding module 25DIN	10	1	**027L4800**
ICFW 25 – Welding module 25SOC	10	1	**027L2263**

All modules include a gasket and four bolts when supplied.

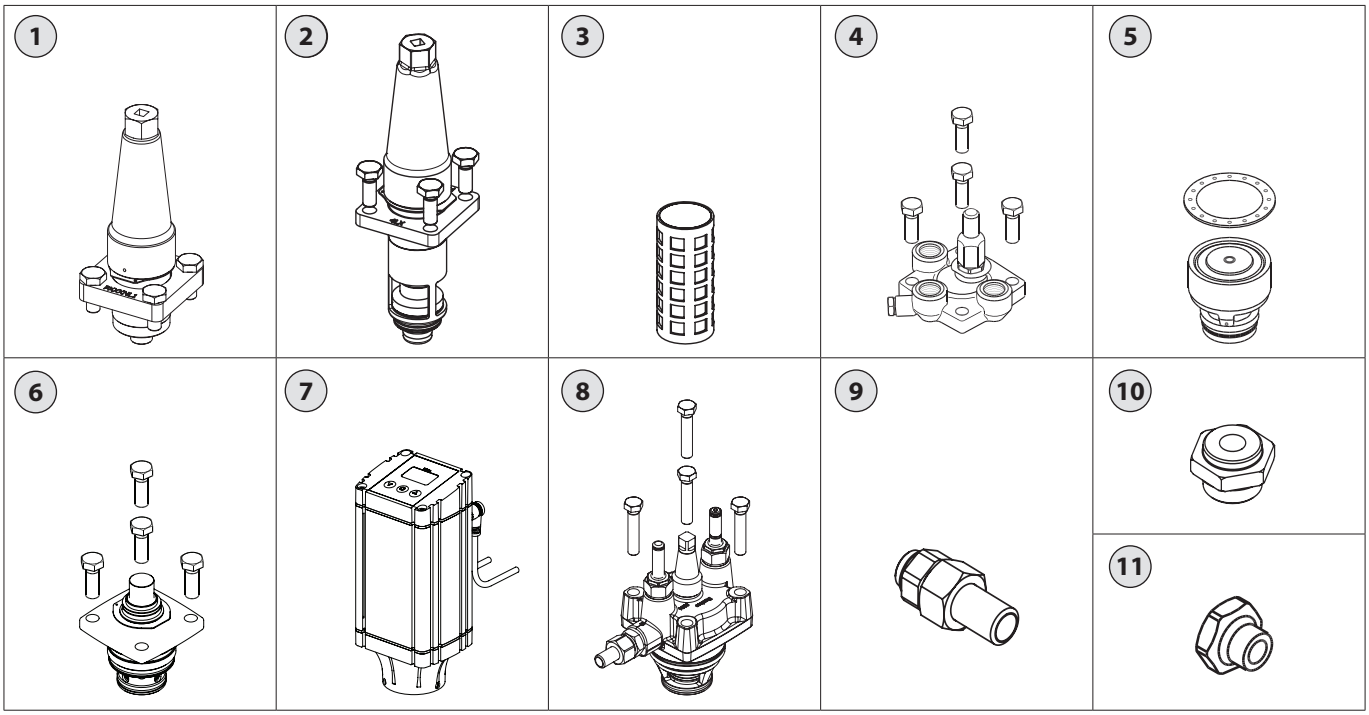
Valve station
ICF 25, ICF SS 25



Description	Fig #	Qty.	Code no.
Gaskets and O-rings for ICF 25/ICF SS 25			
O-rings bonnet-flange	G1	6	**027L2260**
Stop, reg and stop-check valves Gasket for a cap O-ring for check valve	 G3 G5	 3 1	
Solenoid valve module: O-ring for armature O-ring for insert O-ring for inserts (small) Locking ring	 G6 G8 G7 G4	 1 1 1 2	
ICM: O-ring for insert O-ring for inserts (small)	 G8 G7	 1 1	
Side ports: Al-gaskets	 G2	 2	
For ICF/ICF SS side ports			
For ICF side ports: Sight glass G $^{3}/_{8}$" (including Al.gasket, for ICF with DIN and ANSI connections only)	11	2	**027L1267**
For ICF SS side ports: Sight glass G $^{3}/_{8}$" (including Al.gasket, for ICF SS	11	2	**027L4812**
Nippel for side connection G $^{3}/_{8}$" - G $1/_{2}$" (including Al.gasket, for ICF with DIN and ANSI connections only)	12	2	**027L1266**
Nippel for side connection G $^{3}/_{8}$" - G $1/_{2}$" (including Al.gasket, for ICF SS	12	2	**027L4810**
Blind for side connection G $^{3}/_{8}$" (including Al.gasket, for ICF with DIN and ANSI connections only)	13	2	**027L1265**
Blind for side connection G $^{3}/_{8}$" (including Al.gasket, for ICF SS	13	2	**027L4811**
Sight glass NPT $^{3}/_{8}$" (for ICF with SOC connections only)	11	2	**027L1269**
Blind for side connection NPT $^{3}/_{8}$" (for ICF with SOC connections only)	13	2	**027L1268**
½ in to DIN DN6 pipe weld connector for ICF	14	2	**148B4184**
½ in to DIN DN6 pipe weld connector for ICF SS	14	2	**148B4689**

All modules include a gasket and four bolts when supplied.

Valve station
ICF 50, ICF 65



Description	Fig #	Qty.	Code no.
Shut-off valve module			
SVA-S 50 – Stop valve module	1	1	**148B5728**
SVA-S 65 – Stop valve module	1	1	**148B5822**
Manual regulating valve module			
REG-SB 50 – Manual regulating module	2	1	**148B5734**
REG-SB 65 – Manual regulating module	2	1	**148B5824**
Strainer insert (50)			
Filter element 100µ (150 mesh)	3	1	**148H3157**
Filter element 150µ (100 mesh)	3	1	**148H3130**
Filter element 250µ (72 mesh)	3	1	**148H3138**
Filter element 500µ (38 mesh)	3	1	**148H3144**
Pleated filter element 150µ (100 mesh)	3	1	**148H3179**
Pleated filter element 250µ (72 mesh)	3	1	**148H3184**
Pleated filter element 500µ (38 mesh)	3	1	**148H3189**
Pilot operated valve module			
ICS 50 – Top cover 3 pilots	4	1	**027H5173**
ICS 65 – Top cover 3 pilots	4	1	**027H6173**
ICS 50 – Function module	5	1	**027H5200**
ICS 50-32 – Function module	5	1	**027H5211**
ICS 50-40 – Function module	5	1	**027H5212**
ICS 65 – Function module	5	1	**027H6200**
ICS 65-40 – Function module	5	1	**027H6212**
ICS 80 – Function module	5	1	**027H8200**

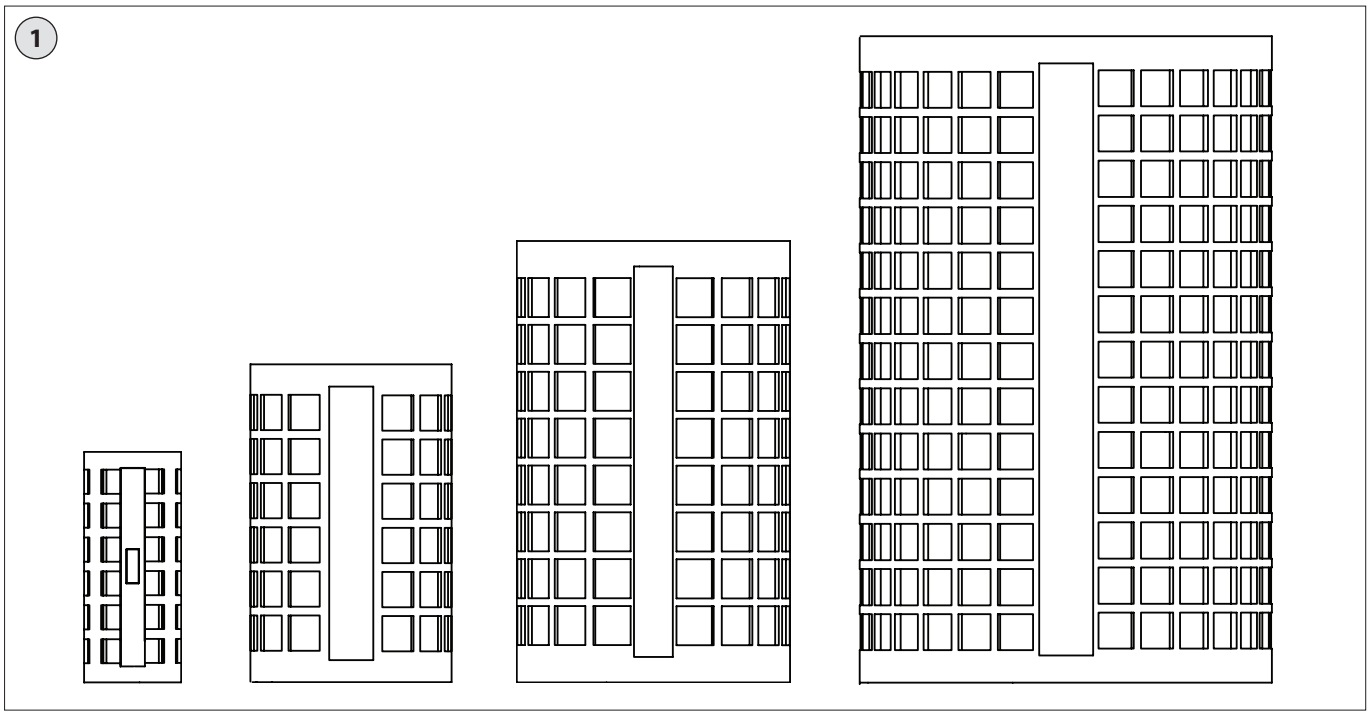
Description	Fig #	Qty.	Code no.
Motor operated valve module			
ICM 50-A – Motor valve module	6	1	**027H5180**
ICM 50-B – Motor valve module	6	1	**027H5181**
ICM 65-A – Motor valve module	6	1	**027H6180**
ICM 65-B – Motor valve module	6	1	**027H6181**
ICAD 1200A – Actuator with 1.5 m (60 in.) cables	7	1	**027H9077**
ICAD 1200A – Actuator without cables	7	1	**027H9122**
2-step solenoid valve module			
ICLX 50 – 2-step solenoid valve module	8	1	**027H5204 ***
ICLX 65 – 2-step solenoid valve module	8	1	**027H6204 ***
Welding connections			
M33 to DIN 25 mm Pipe	9	1	**027H5544**
M33 to ANSI 1 in. Pipe	9	1	**027H5546**
Defrost drain connection kit			
M33 - G $^{3}/_{8}$ in.	10	1	**027H5547**
M33 - NPT $^{3}/_{8}$ in.	10	1	**027H5548**
Defrost drain blind plug			
M33 x 1.5 in.	11	2	**148F1111**

* Including external pilot connection, damping orifice and NC/NO pilot valves. Not assembled.

For ordering of Inspection kits, Repair kits and Overhaul kits for the ICF 50/65 control modules; please refer to the spare parts and accessories data sheet for ICS, ICM and ICLX (DKRCI.PY.HSO.C).

For ordering of Inspection kits, Repair kits and Overhaul kits for the ICF 50/65 Stop-, Regulating-, Filter-, Check- and Stop/Check modules please refer to the spare parts and accessories data sheet for SVL Flexline (DKRCI.PY.K00.A).

Strainer inserts and accessories for FIA strainers

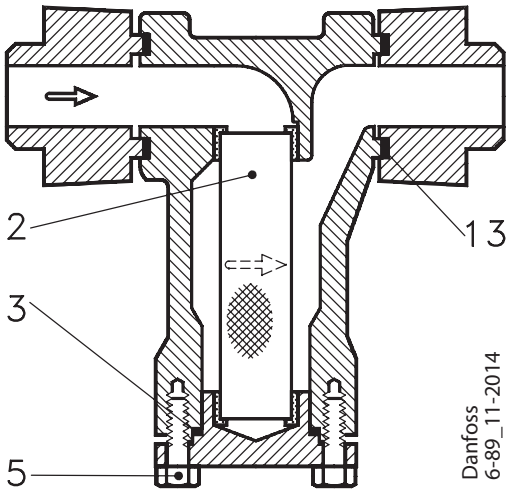


Size	Description	fig. #	Qty.	Code no.
Filter insert - plain				
FIA 15	100µ / 150 mesh	1	1	**148H3122**
FIA 20	100µ / 150 mesh	1	1	**148H3122**
FIA 25	100µ / 150 mesh	1	1	**148H3123**
FIA 32	100µ / 150 mesh	1	1	**148H3123**
FIA 40	100µ / 150 mesh	1	1	**148H3123**
FIA 50	100µ / 150 mesh	1	1	**148H3157**
Filter insert - plain				
FIA 15	150µ / 100 mesh	1	1	**148H3124**
FIA 20	150µ / 100 mesh	1	1	**148H3124**
FIA 25	150µ / 100 mesh	1	1	**148H3125**
FIA 32	150µ / 100 mesh	1	1	**148H3125**
FIA 40	150µ / 100 mesh	1	1	**148H3125**
FIA 50	150µ / 100 mesh	1	1	**148H3130**
FIA 65	150µ / 100 mesh	1	1	**148H3131**
FIA 80	150µ / 100 mesh	1	1	**148H3119**
FIA 100	150µ / 100 mesh	1	1	**148H3132**
FIA 125	150µ / 100 mesh	1	1	**148H3133**
FIA 150	150µ / 100 mesh	1	1	**148H3134**
FIA 200	150µ / 100 mesh	1	1	**148H3135**
Filter insert - plain				
FIA 15	250µ / 72 mesh	1	1	**148H3126**
FIA 20	250µ / 72 mesh	1	1	**148H3126**
FIA 25	250µ / 72 mesh	1	1	**148H3127**
FIA 32	250µ / 72 mesh	1	1	**148H3127**
FIA 40	250µ / 72 mesh	1	1	**148H3127**
FIA 50	250µ / 72 mesh	1	1	**148H3138**
FIA 65	250µ / 72 mesh	1	1	**148H3139**
FIA 80	250µ / 72 mesh	1	1	**148H3120**
FIA 100	250µ / 72 mesh	1	1	**148H3140**
FIA 125	250µ / 72 mesh	1	1	**148H3141**
FIA 150	250µ / 72 mesh	1	1	**148H3142**
FIA 200	250µ / 72 mesh	1	1	**148H3143**
Filter insert - plain				
FIA 15	500µ / 38 mesh	1	1	**148H3128**
FIA 20	500µ / 38 mesh	1	1	**148H3128**
FIA 25	500µ / 38 mesh	1	1	**148H3129**
FIA 32	500µ / 38 mesh	1	1	**148H3129**
FIA 40	500µ / 38 mesh	1	1	**148H3129**
FIA 50	500µ / 38 mesh	1	1	**148H3144**
FIA 65	500µ / 38 mesh	1	1	**148H3145**
FIA 80	500µ / 38 mesh	1	1	**148H3121**
FIA 100	500µ / 38 mesh	1	1	**148H3146**
FIA 125	500µ / 38 mesh	1	1	**148H3147**
FIA 150	500µ / 38 mesh	1	1	**148H3148**
FIA 200	500µ / 38 mesh	1	1	**148H3149**

Size	Description	fig. #	Qty.	Code no.
Filter insert - pleated				
FIA 15	150µ / 100 mesh	1	1	**148H3303**
FIA 20	150µ / 100 mesh	1	1	**148H3303**
FIA 25	150µ / 100 mesh	1	1	**148H3304**
FIA 32	150µ / 100 mesh	1	1	**148H3304**
FIA 40	150µ / 100 mesh	1	1	**148H3304**
FIA 50	150µ / 100 mesh	1	1	**148H3179**
FIA 65	150µ / 100 mesh	1	1	**148H3180**
FIA 80	150µ / 100 mesh	1	1	**148H3181**
FIA 100	150µ / 100 mesh	1	1	**148H3182**
FIA 125	150µ / 100 mesh	1	1	**148H3183**
FIA 150	150µ / 100 mesh	1	1	**148H3226**
FIA 200	150µ / 100 mesh	1	1	**148H3297**
Filter insert - pleated				
FIA 15	250µ / 72 mesh	1	1	**148H3363**
FIA 20	250µ / 72 mesh	1	1	**148H3363**
FIA 25	250µ / 72 mesh	1	1	**148H3269**
FIA 32	250µ / 72 mesh	1	1	**148H3269**
FIA 40	250µ / 72 mesh	1	1	**148H3269**
FIA 50	250µ / 72 mesh	1	1	**148H3184**
FIA 65	250µ / 72 mesh	1	1	**148H3185**
FIA 80	250µ / 72 mesh	1	1	**148H3186**
FIA 100	250µ / 72 mesh	1	1	**148H3187**
FIA 125	250µ / 72 mesh	1	1	**148H3188**
Filter insert - pleated				
FIA 50	500µ / 38 mesh	1	1	**148H3189**
FIA 65	500µ / 38 mesh	1	1	**148H3190**
FIA 80	500µ / 38 mesh	1	1	**148H3191**
FIA 100	500µ / 38 mesh	1	1	**148H3192**
FIA 125	500µ / 38 mesh	1	1	**148H3193**
Other accessories				
FIA 80-100	Magnet insert	-	1	**148H3447**
FIA 125-200	Magnet insert	-	1	**148H3448**
FIA 15-20	Filter element µ150 with removable element µ50 for the first start up	-	1	**148H3301**
FIA 25-40	Filter element µ150 with removable element µ50 for the first start up	-	1	**148H3302**
FIA 50	Filter bag	-	1	**148H3150**
FIA 65	Filter bag	-	1	**148H3151**
FIA 80	Filter bag	-	1	**148H3152**
FIA 100	Filter bag	-	1	**148H3153**
FIA 125	Filter bag	-	1	**148H3154**
FIA 150	Filter bag	-	1	**148H3155**
FIA 200	Filter bag	-	1	**148H3156**
FIA 50 - 300	Purge valve complete	-	1	**148B3745**
FIA 50 - 300	Blind nut with gasket	-	1	**148H3450**

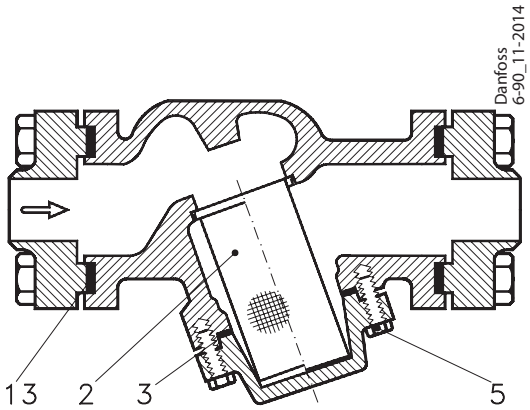
Strainers, non welded
Type FA

1



FA 15 and 20

2



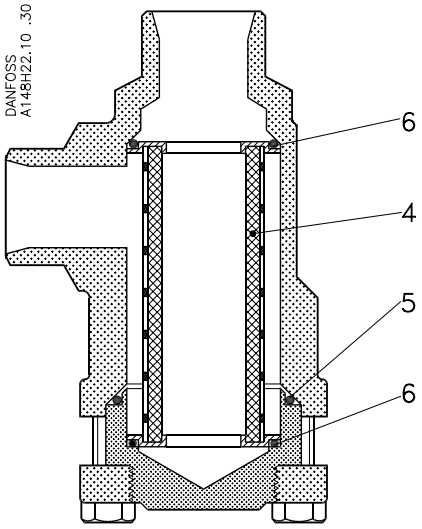
FA 25

Description	Pos. #	Qty.	Code no.
Repair kit, figs. 1 and 2, FA 15			
Strainer	2	1	**006-0331**
Cover gasket	3	1	
Screw	5	4*	
Repair kit, figs. 1 and 2, FA 20			
Strainer	2	1	**006-0332**
Cover gasket	3	1	
Screw	5	4*	
Repair kit, figs. 1 and 2, FA 25			
Strainer	2	1	**006-0333**
Cover gasket	3	1	
Screw	5	4*	

Description	Pos. #	Qty.	Code no.
Seal kit, figs. 1 and 2, FA 15			
Cover gasket	3	1	**006-0334**
Flange gasket	13	2	
Seal kit, figs. 1 and 2, FA 20			
Cover gasket	3	1	**006-0335****
Flange gasket	13	2	
Seal kit, figs. 1 and 2, FA 25			
Cover gasket	3	1	**006-0336**
Flange gasket	13	2	
Seal kit, figs. 1			
Cover gasket	3	1	**006-0346*****
Flange gasket	13	2	

*) For FA 25: 6 pcs.
**) For FA 20 strainers, for fitting in pipelines.
***) For FA 20 strainers, for direct fitting on valve.

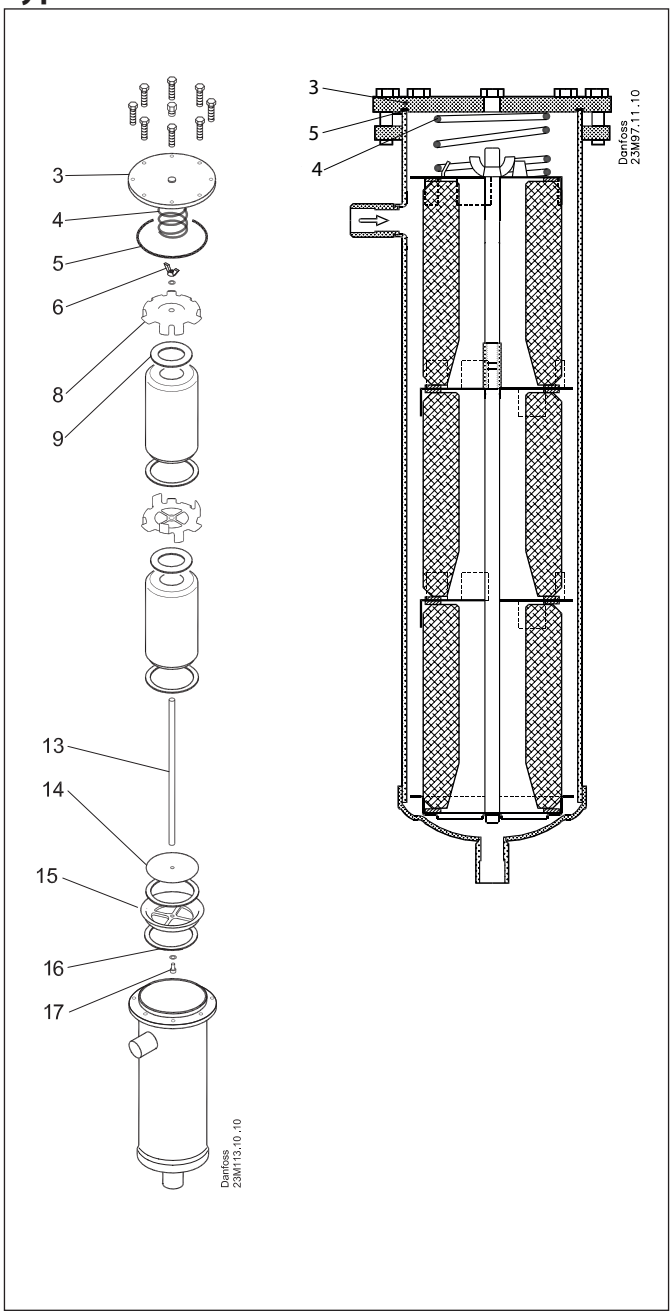
Filters
Type FIL 10-40 ($^3/_8$- $1^1/_2$ in.) XX0-XX1-XX2-XX3



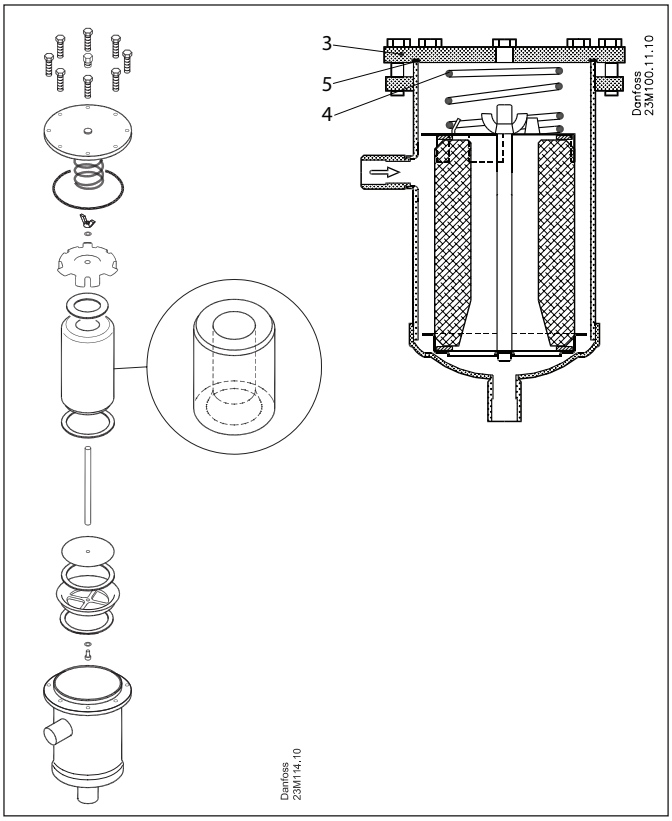
Description	Size	Pos. #	Qty.	Code no.
Repair kit, complete set of gaskets				
O-ring for housing/bonnet	Medium (10-20)	5	1	**2453+028**
O-rings for filter	Medium (10-20)	6	1	
O-ring for housing/bonnet	Large (25-40)	5	1	**2453+029**
O-rings for filter	Large (25-40)	6	1	

Description	Size	Pos. #	Qty.	Code no.
Filter element				
Filter element 150 µm, type XX1	Medium (10-20)	4	1	**148H3002**
Filter element 150 µm, type XX1	Large (25-40)	4	1	**148H3003**
Filter element 250 µm, type XX2	Medium (10-20)	4	1	**148H3004**
Filter element 250 µm, type XX2	Large (25-40)	4	1	**148H3005**
Filter element 500 µm, type XX3	Large (25-40)	4	1	**148H3007**

ELIMINATOR® filter drier with replaceable solid core
Type DCR



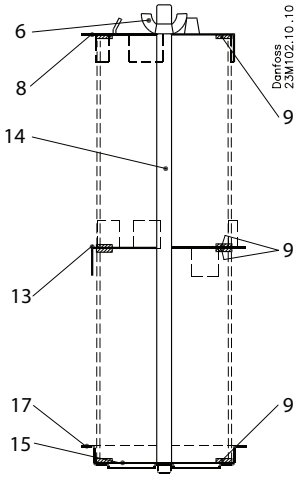
Pos.	Description	Qty.	Code no.
Top cover gasket			
5	ø121.8 × ø113.6 × 0.8 mm Suitable for: Danfoss DCR, Alco ADKS, Sporlan C, Catch All, Henry V, Parker P, Carly BCY	20 10	**023U0055** **023U2015**
5	ø115.5 × ø107.5 × 1.6 mm Suitable for: Hansa GT, Castel 441	20	**023U0056**
5	ø123.5 × ø115.0 × 1.6 mm Suitable for: KMP K	20	**023U0057**
5	ø121.8 × ø113.6 × 1.5 mm Heavy Duty and NH_3	20	**023U0058**
Spring			
4	ø55.0 × ø47.0 mm	8	**023U2019**
Felt gasket			
9	ø95.5 × ø45.5 × 2 mm Suitable for: Danfoss DCR	20	**023U2018**
16	ø95.5 × ø78 × 2 mm Suitable for: Danfoss DCR	20	**023U2016**
Top cover			
3	With plug 1/4" NPT	1	**023Z9906**
3	Without plug	1	**023Z9907**



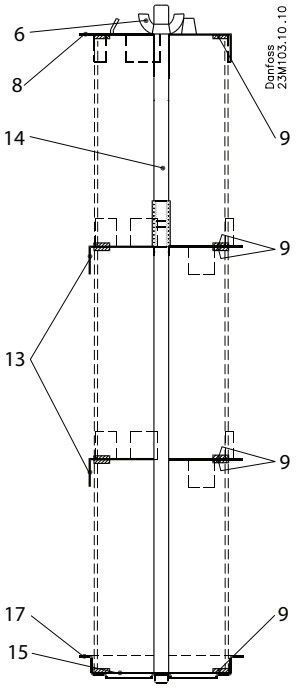
ELIMINATOR® filter drier with replaceable solid core
Type DCR



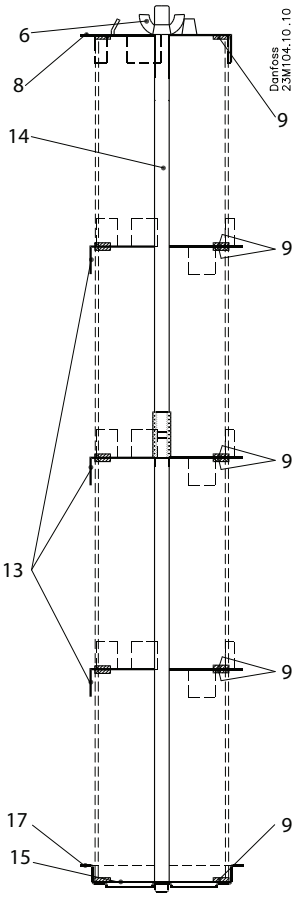
DCR with 1 core/block holder



DCR with 2 cores/block holder



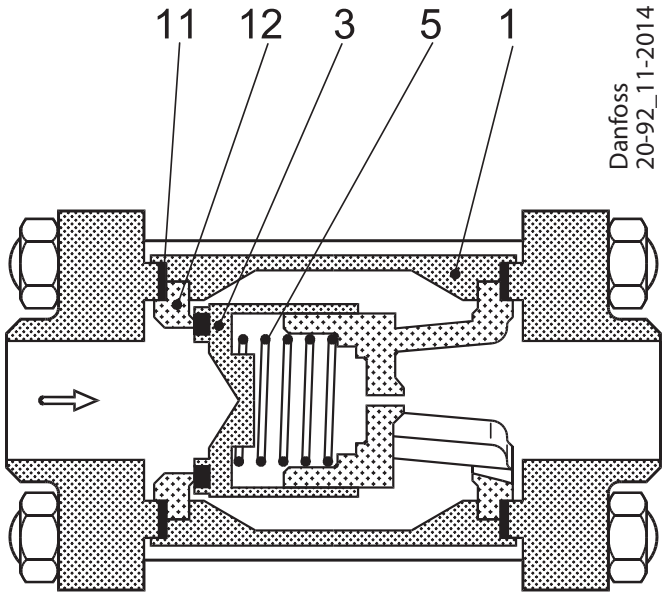
DCR with 3 cores/block holder



DCR with 4 cores/block holder

Pos.	Description	1-core	2-core	3-core	4-core
1 - 4 core/block holder					
6	Wing nut	**023Z9030**	**023Z9031**	**023Z9032**	**023Z9033**
8	Top plate				
9	Felt gasket				
13	Core plate				
14	Distance rod				
15	Wire mesh				
17	Core holder				

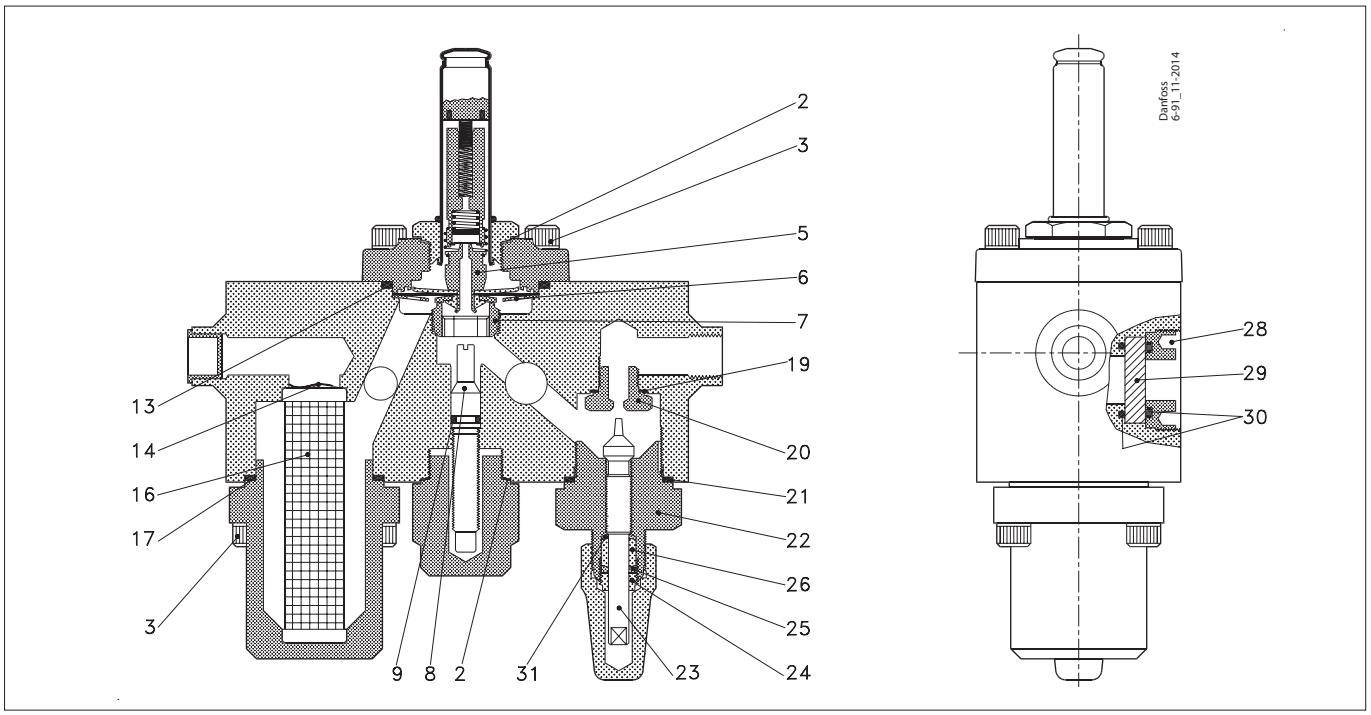
Check valves
Type NRVA



Description	Pos. #	Qty.	Code no.
Piston assembly			
Piston assembly NRVA 15/20	3	1	**020-2104**
Piston assembly NRVA 25/32	3	1	**020-2105**
Piston assembly NRVA 40/50	3	1	**020-2106**
Piston assembly NRVA 65	3	1	**020-2107**
Valve seat			
Valve seat NRVA 15/20	12	1	**020-2127**
Valve seat NRVA 25/32	12	1	**020-2128**
Valve seat NRVA 40/50	12	1	**020-2129**
Valve seat NRVA 65	12	1	**020-2130**
Spring 0.12 bar (1.74 psi)			
Spring NRVA 15/20	5	1	**020-2137**
Spring NRVA 25/32	5	1	**020-2138**
Spring NRVA 40/50	5	1	**020-2139**
Spring NRVA 65	5	1	**020-2140**
Spring 0.30 bar (4.35 psi)			
Spring NRVA 15/20	5	1	**020-2307**
Spring NRVA 25/32	5	1	**020-2317**
Spring NRVA 40/50	5	1	**020-2327**
Spring NRVA 65	5	1	**020-2337**

Description	Pos. #	Qty.	Code no.
Complete valve without flanges			
Valve assembly NRVA 15/20	1	1	**020-2020**
Flange gasket NRVA 15/20	11	2	
Valve assembly NRVA 25/32	1	1	**020-2022**
Flange gasket NRVA 25/32	11	2	
Valve assembly NRVA 40/50	1	1	**020-2024**
Flange gasket NRVA 40/50	11	2	
Valve assembly NRVA 65	1	1	**020-2026**
Flange gasket NRVA 65	11	2	
Flange gaskets			
Gaskets NRVA 15/20	11	2	**020-2133**
Gaskets NRVA 25/32	11	2	**027F2176**
Gaskets NRVA 40/50	11	2	**027F2178**
Gaskets NRVA 65	11	2	**020-2136**

Block valves
Types BV 1 and BV 2

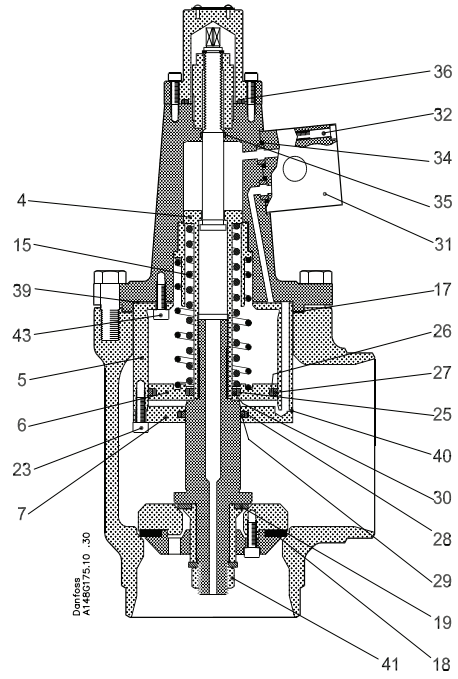


Description	Pos. #	Qty.	Code no.
Spare part set, DN 10			
Alu gasket, dia.12.0 × dia.16.5 × 0.5 mm	19	1	**006-1270**
Orifice, dia. 3.0 mm	20	1	
Gasket	21	1	
Stuffing box	22	1	
Spindle, dia. 3.0 mm	23	1	
Packing nut	24	1	
Packing ring	25	1	
Gasket, teflon	26	1	
Disc	31	1	
Spare part set, DN 15			
Alu gasket, dia.12.0 × dia.16.5 × 0.5 mm	19	1	**006-1271**
Orifice, dia. 6.0 mm	20	1	
Gasket	21	1	
Stuffing box	22	1	
Spindle, dia. 6.0 mm	23	1	
Packing nut	24	1	
Packing ring	25	1	
Gasket, teflon	26	1	
Disc	31	1	

Description	Pos. #	Qty.	Code no.
Spare part set, DN 10/15			
Screws, M6 × 20	3	4	**006-1272**
Spring washer, dia. 13.2 × dia 18.8 × 0.2 mm	14	1	
Strainer assembly (FA)	16	1	
Gasket dia. 34.5 × dia. 41 × 1.5 mm	17	1	
Spare part set, DN 10/15			
Packing ring	28	1	**006-1273**
Glas, dia. 25 mm	29	2	
O-ring, dia. 17.12 × dia. 2.62 mm	30	2	
Spare part set, DN 10/15			
Alu gasket, dia. 22.1 × dia. 26.5 × 0.5 mm	2	2	**006-1274**
Screws, M6 x 20	3	4	
Diaphragm/armature assembly	5	1	
Washer	6	1	
Valve seat	7	1	
Manual operating spindle	8	1	
O-ring, dia. 5.28 × dia. 1.78 mm	9	1	
Rubber gasket, dia. 48.7 × dia. 43.5 × 2.6 mm	13	1	

2-step solenoid valves
Type GPLX

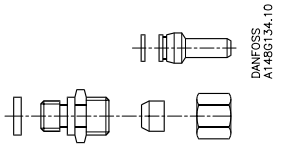
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When repairing only the pilot valves, the repair kit for EVM (NC) and EVM (NO) can be used.

Repair kit EVM (NC) code no. 032F2324
Repair kit EVM (NO) code no. 032F2325

2

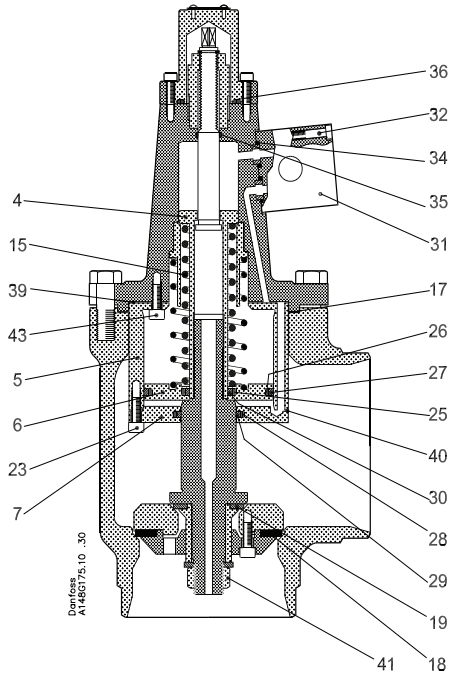


Size	Description	Pos. #	Qty.	Code no.
Spare part kit, for top/housing and cap (Dismounting set)				
DN 80	Gasket top/housing	17	1	**148G3427**
	O-ring for cap	36	1	
DN 100	Gasket top/housing	17	1	**148G3428**
	O-ring for cap	36	1	
DN 125	Gasket top/housing	17	1	**148G3429**
	O-ring for cap	36	1	
DN 150	Gasket top/housing	17	1	**148G3430**
	O-ring for cap	36	1	
Repair kit, comlete set of gaskets				
DN 80	Gasket top/housing	17	1	**148G3431**
	Teflon ring cone step 2	18	1	
	Teflon ring cone step 1	19	1	
	O-ring piston inside	25	1	
	O-ring piston outside	26	1	
	Glide ring piston outside	27	1	
	O-ring guide	28	1	
	Glide ring guide	29	1	
	Glide ring piston inside	30	1	
	O-ring for connection part/ solenoid valve	34	1	
	O-ring for threaded rod	35	1	
	O-ring for cap	36	1	
	Gasket for cylinder top	39	1	
	Gasket for cylinder	40	1	
	Nut	41	1	
Repair kit, comlete set of gaskets				
DN 100	Gasket top/housing	17	1	**148G3432**
	Teflon ring cone step 2	18	1	
	Teflon ring cone step 1	19	1	
	O-ring piston inside	25	1	
	O-ring piston outside	26	1	
	Glide ring piston outside	27	1	
	O-ring guide	28	1	
	Glide ring guide	29	1	
	Glide ring piston inside	30	1	
	O-ring for connection part/ solenoid valve	34	1	
	O-ring for threaded rod	35	1	
	O-ring for cap	36	1	
	Gasket for cylinder top	39	1	
	Gasket for cylinder	40	1	
	Nut	41	1	

Size	Description	Pos. #	Qty.	Code no.
Repair kit, comlete set of gaskets				
DN 125	Gasket top/housing	17	1	**148G3433**
	Teflon ring cone step 2	18	1	
	Teflon ring cone step 1	19	1	
	O-ring piston inside	25	1	
	O-ring piston outside	26	1	
	Glide ring piston outside	27	1	
	O-ring guide	28	1	
	Glide ring guide	29	1	
	Glide ring piston inside	30	1	
	O-ring for connection part/ solenoid valve	34	1	
	O-ring for threaded rod	35	1	
	O-ring for cap	36	1	
	Gasket for cylinder top	39	1	
	Gasket for cylinder	40	1	
	Nut	41	1	
Repair kit, comlete set of gaskets				
DN 150	Gasket top/housing	17	1	**148G3434**
	Teflon ring cone step 2	18	1	
	Teflon ring cone step 1	19	1	
	O-ring piston inside	25	1	
	O-ring piston outside	26	1	
	Glide ring piston outside	27	1	
	O-ring guide	28	1	
	Glide ring guide	29	1	
	Glide ring piston inside	30	1	
	O-ring for connection part/ solenoid valve	34	1	
	O-ring for threaded rod	35	1	
	O-ring for cap	36	1	
	Gasket for cylinder top	39	1	
	Gasket for cylinder	40	1	
	Nut	41	1	
New Additional Repair kit				
DN 80	Piston rod	4	1	**148G0100**
	Spring open	15	1	
DN 100	Piston rod	4	1	**148G0101**
	Spring open	15	1	
DN 125	Piston rod	4	1	**148G0102**
	Spring open	15	1	
DN 150	Piston rod	4	1	**148G0103**
	Spring open	15	1	

2-step solenoid valves
Type GPLX

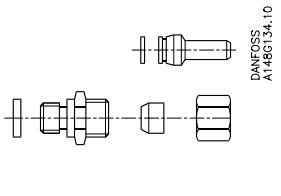
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When repairing only the pilot valves, the repair kit for EVM (NC) and EVM (NO) can be used.

Repair kit EVM (NC) code no. 032F2324
Repair kit EVM (NO) code no. 032F2325

2

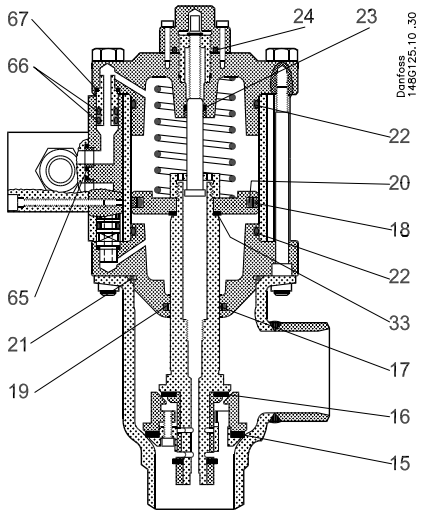


Size	Description	Pos. #	Qty.	Code no.
New Overhaul kit				
DN 80	Cylinder	5	1	**148G0104**
	Piston	6	1	
	Guide piece	7	1	
	Screw	23	1	
	Screw	43	1	
DN 100	Cylinder	5	1	**148G0105**
	Piston	6	1	
	Guide piece	7	1	
	Screw	23	1	
	Screw	43	1	
DN 125	Cylinder	5	1	**148G0106**
	Piston	6	1	
	Guide piece	7	1	
	Screw	23	1	
	Screw	43	1	
DN 150	Cylinder	5	1	**148G0107**
	Piston	6	1	
	Guide piece	7	1	
	Screw	23	1	
	Screw	43	1	

Size	Description	Pos. #	Qty.	Code no.
Complete pilot valve block type EVRB without coils				
DN 80-150	EVRB valve block	31	1	**2453+103**
	Bolts for solenoid valve	32	1	
	O-ring for connection part / solenoid valve	34	1	
External/pilot connection complete, fig.2				
DN 80-150	External/pilot connection complete		1	**148G3750**

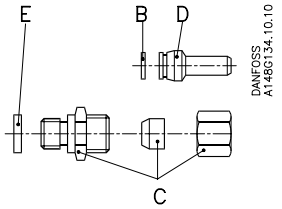
Gas powered stop valves
Type GPS 40-150 (1½ - 6 in.) type 111

1



15 Gasket for cone
16 Gasket for cone
17 Sealing ring for guide piece
18 Sealing ring for piston
19 O-ring for guide piece
20 O-ring for piston
21 O-ring/gasket (only for size 125) for housing / guide piece
22 O-ring for cylinder
23 O-ring for end cover
24 O-ring for cap type
31 EVRB valve block
32 Bolts for solenoid valve
33 Gasket for spindle
65 O-ring for connection part/solenoid valve
66 O-ring for nipple
67 Gasket for nipple

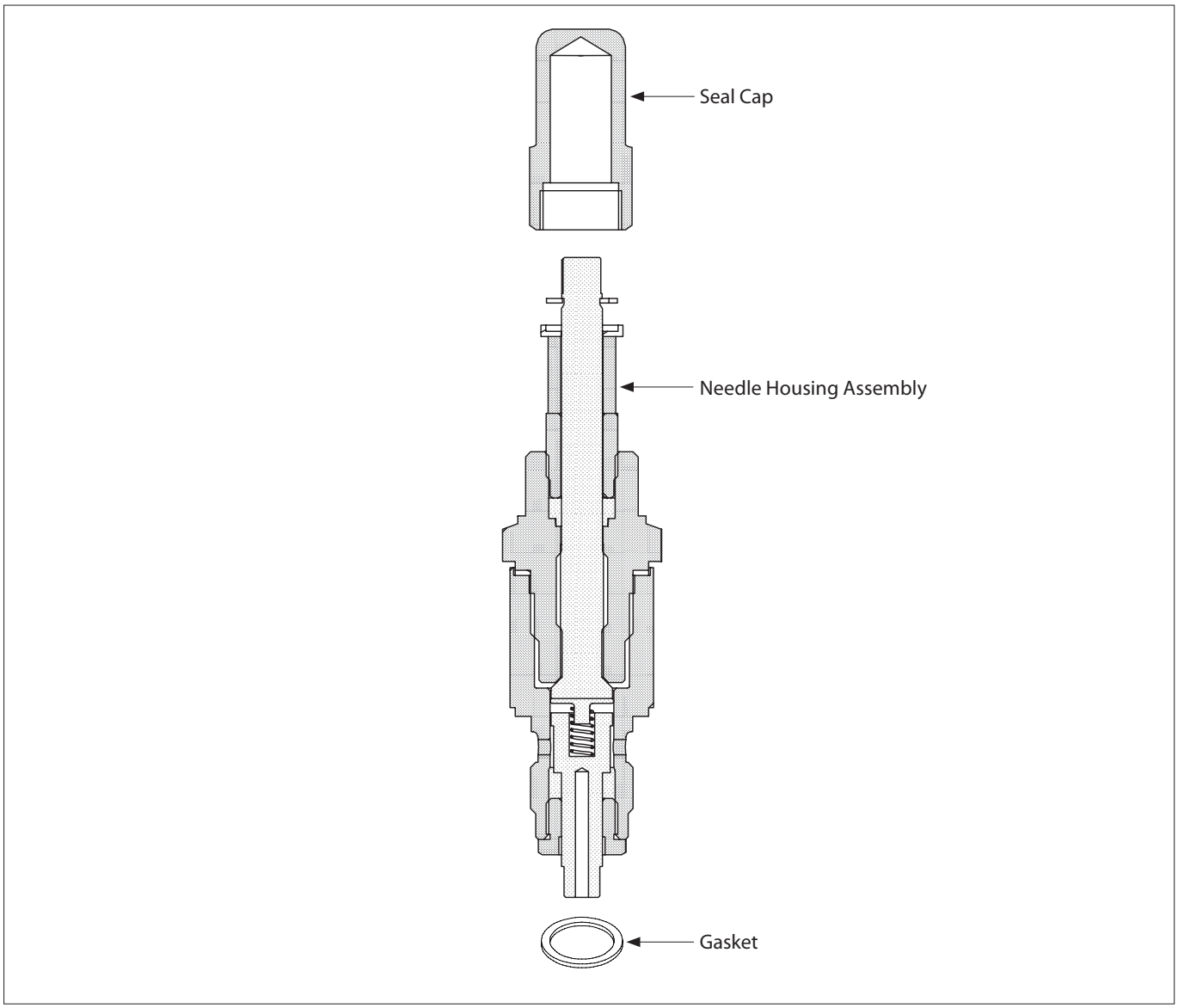
2



Description	Pos. #	Qty.	Size	Code no.
Repair kit, complete set of gaskets, Fig. 1				
Repair kit, complete set of gaskets	15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 33, 65, 66, 67	1 1 1 1 1	Size 40-50 (1½ -2 in.)	**2453+047**
Repair kit, complete set of gaskets	15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 33, 65, 66, 67	1 1 1 1 1	Size 65-80 (2½ -3 in.)	**2453+048**
Repair kit, complete set of gaskets	15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 33, 65, 66, 67	1 1 1 1 1	Size 100 (4 in.)	**2453+049**
Repair kit, complete set of gaskets	15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 33, 65, 66, 67	1 1 1 1 1	Size 125 (5 in.)	**2453+055**
Repair kit, complete set of gaskets	15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 33, 65, 66, 67	1 1 1 1 1	Size 150 (6 in.)	**2453+068**

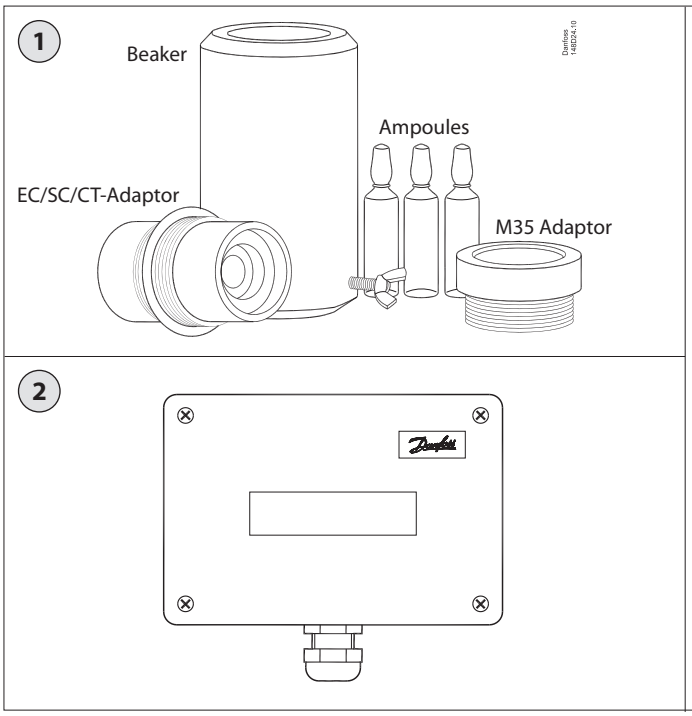
Description	Pos. #	Qty.	Size	Code no.
Complete pilot valve block type EVRB without coils, Fig. 1				
Complete pilot valve block type EVRB without coils	31, 32, 65	1	Size 40-50 (1½ -2 in.)	**2453+103**
Complete pilot valve block type EVRB without coils	31, 32, 65	1	Size 65-80 (2½ -3 in.)	**2453+103**
Complete pilot valve block type EVRB without coils	31, 32, 65	1	Size 100 (4 in.)	**2453+103**
Complete pilot valve block type EVRB without coils	31, 32, 65	1	Size 125 (5 in.)	**2453+103**
Complete pilot valve block type EVRB without coils	31, 32, 65	1	Size 150 (6 in.)	**2453+103**
External/pilot connection complete, Fig 2.				
External/pilot connection complete		1	Size 40-50 ($1^1/_2$ -2 in.)	**148G3750**
External/pilot connection complete		1	Size 65-80 ($2^1/_2$ -3 in.)	**148H3446**
External/pilot connection complete		1	Size 100 (4 in.)	**148H3446**
External/pilot connection complete		1	Size 125 (5 in.)	**148H3446**
External/pilot connection complete		1	Size 150 (6 in.)	**148H3446**

Dual position solenoid valve
Type ICSH



For product	Code no.
Repair kit	
ICSH-25	**027H8413**
ICSH-32	**027H8414**
ICSH-40	**027H8415**
ICSH-50	**027H8416**
ICSH-65	**027H8417**
ICSH-80	**027H8418**

Gas detecting sensors
Types GDA, GDC, GDHC, GDHF, GDH

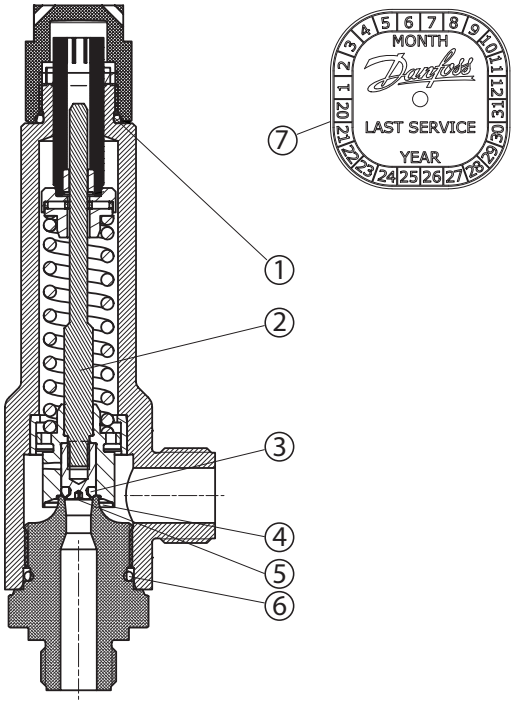


Description	Fig. #	Qty.	Code no.
GD Tester all models. To test mother PCB at Sensor PCB replacement			
Beaker M42	1	1	**148H5230**
EC/SC/CT-Adapter. Fit Beaker M42	1	1	
M35 Adapter. Fit Beaker M42	1	1	
GD Ampoules			
GD Ampoules 100 ppm ammonia	1	10	**148H5234**
GD Ampoules 1000 ppm ammonia	1	10	**148H5235**
GD Ampoules 2000 ppm CO_2	1	10	**148H5236**
Remote LCD display			
Remote LCD display IP 41	2	1	**148H5238**

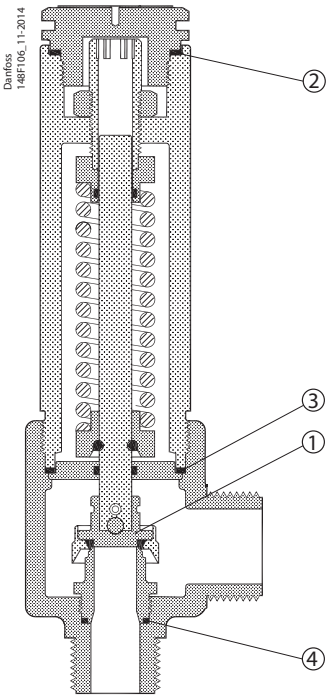
Description	Fig. #	Qty.	Code no.
GD mother PCB			
GD mother PCB all models	3	1	**148H5232**
GD Tester for mother PCB			
GD Tester for mother PCB, all models	3	1	**148H5239**

Safety relief valves SFA and SFV
Compressor overflow valve POV + BSV

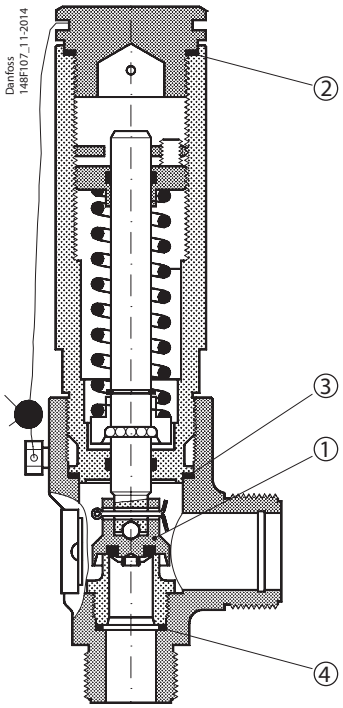
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2



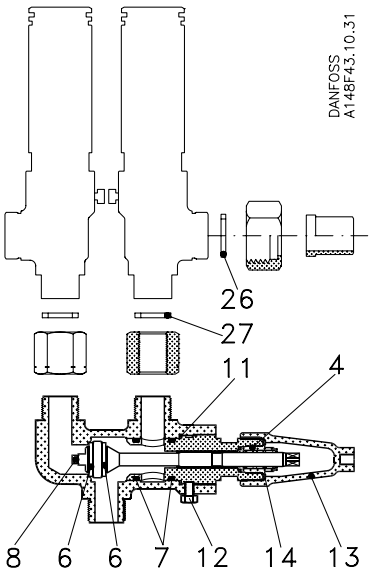
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Size	Description	Pos. #	Qty.	Code no.
Fig. 1 - SFA 10 Repair kit				
SFA 10	Repair Kit 10 – 27 bar*	all pos.	1	**148F3069**
SFA 10	Repair Kit 28 – 40 bar*	all pos.	1	**148F3070**
SFA 10	Repair Kit 41 – 48 bar*	all pos.	1	**148F3071**
SFA 10	Repair Kit 49 – 57 bar*	all pos.	1	**148F3073**
SFA 10	Repair Kit 58 – 65 bar*	all pos.	1	**148F3074**
SFA 10 G Inlet weld connector	SFA 10 G Inlet weld connector	-	1	**148F3075**
Fig. 2 - SFA 15 Repair kit				
15	Cone complete	1	1	**148F3036**
15	Gaskets	2, 3, 4	4	
Fig. 2 - SFA 15-50 Repair kit				
15	Cone complete	1	1	**148F3150**
15	Gaskets	2, 3, 4	4	
SFA 10, SFA 15/SFV 15 - Nipples and gaskets				
10, 15	Nipples + gaskets set for SFA 10, SFA 15/SFV 15**	-	2	**148F3019**
Fig. 3 - SFV Repair kit				
20	Cone complete	1	1	**2453+082**
20	Gaskets	2, 3, 4	4	
25	Cone complete	1	1	**2453+083**
25	Gaskets	2, 3, 4	4	
SFV - Flanges and gaskets				
20	Flanges + gaskets set for SFV 20	-	1	**148F3020**
25	Flanges + gaskets set for SFV 25	-	1	**148F3021**
POV+BSV fittings				
Set of fittings for system POV+BSV	-	-	1	**148H3453**

* Inspection kit 148F3068 (see DSV 10) should be ordered with any SFA 10 repair kit.
** Weld nipple for SFA 10 inlet (G ½") not included in 148F3019.
(additional order 148F3075 needed).

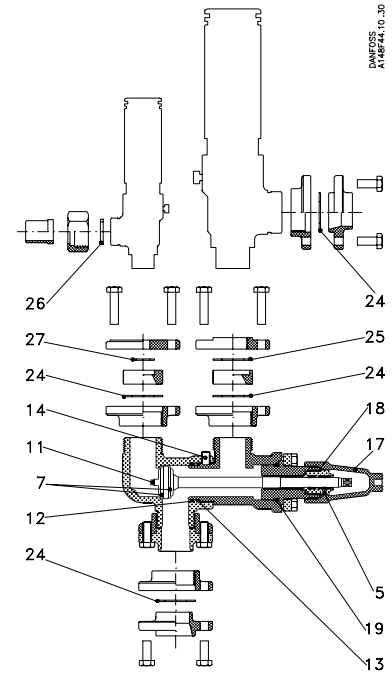
Change-over valves
Type DSV 15 (½ in.)



Description	Pos. #	Qty.	Code no.
Spare part kit, for bonnet and cap (dismounting set)			
O-ring for housing/bonnet	7	1	**148F3001**
Compression ring	11	1	
Lock screw	12	1	
Gasket for cap	14	1	
Repair kit, complete set of gaskets			
Gaskets complete for packing gland	4	1	**2453+054**
Gaskets for cone	6	1	
O-ring for housing/bonnet	7	1	
Lock pin	8	1	
Compression ring	11	1	
Lock screw	12	1	
Gasket for cap	14	1	
Gasket for nipple SFV	26	1	
Gasket for nipple SFV/DSV	27	1	

Description	Pos. #	Qty.	Code no.
Packing gland incl. gaskets (with O-rings)			
Packing gland incl. gaskets	4	1	**148B4056**
Cap incl. gasket			
Cap incl. gasket	13	1	**148B4075**
Grease for packing gland (tube)			
Grease for packing gland (tube)		1	**148H3445**

Change-over valves
Type DSV 32 (1¼ in.)

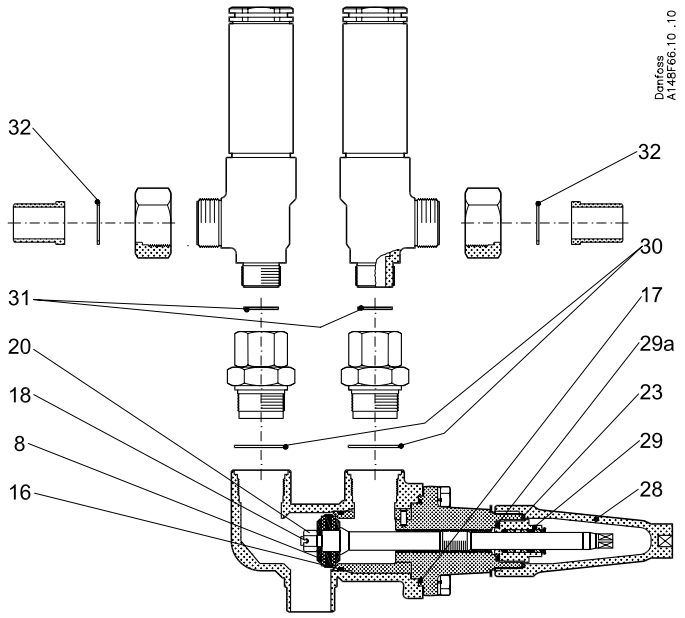


Size 32
(1 1/4 in.)

Description	Pos. #	Qty.	Code no.
Repair kit, complete set of gaskets			
Gaskets complete for packing gland	5	1	**2453+065**
Gaskets for cone	7	1	
Lock pin	11	1	
O-ring for housing	12	1	
Compression ring	13	1	
Lock screw	14	1	
Gasket for cap	18	1	
O-ring for housing/bonnet	19	1	
Gasket for flange SFV 15-20-25/DSV	24	1	
Gasket for flange SFV 20-25/DSV	25	1	
Gasket for nipple SFV 15	26	1	
Gasket for flange SFV 15/DSV	27	1	

Description	Pos. #	Qty.	Code no.
Packing gland incl. gaskets (with O-rings)			
Packing gland incl. gaskets	5	1	**148B4032**
Cap incl. gasket			
Cap incl. gasket	17	1	**148B4076**
Grease for packing gland (tube)			
Grease for packing gland (tube)		1	**148H3445**

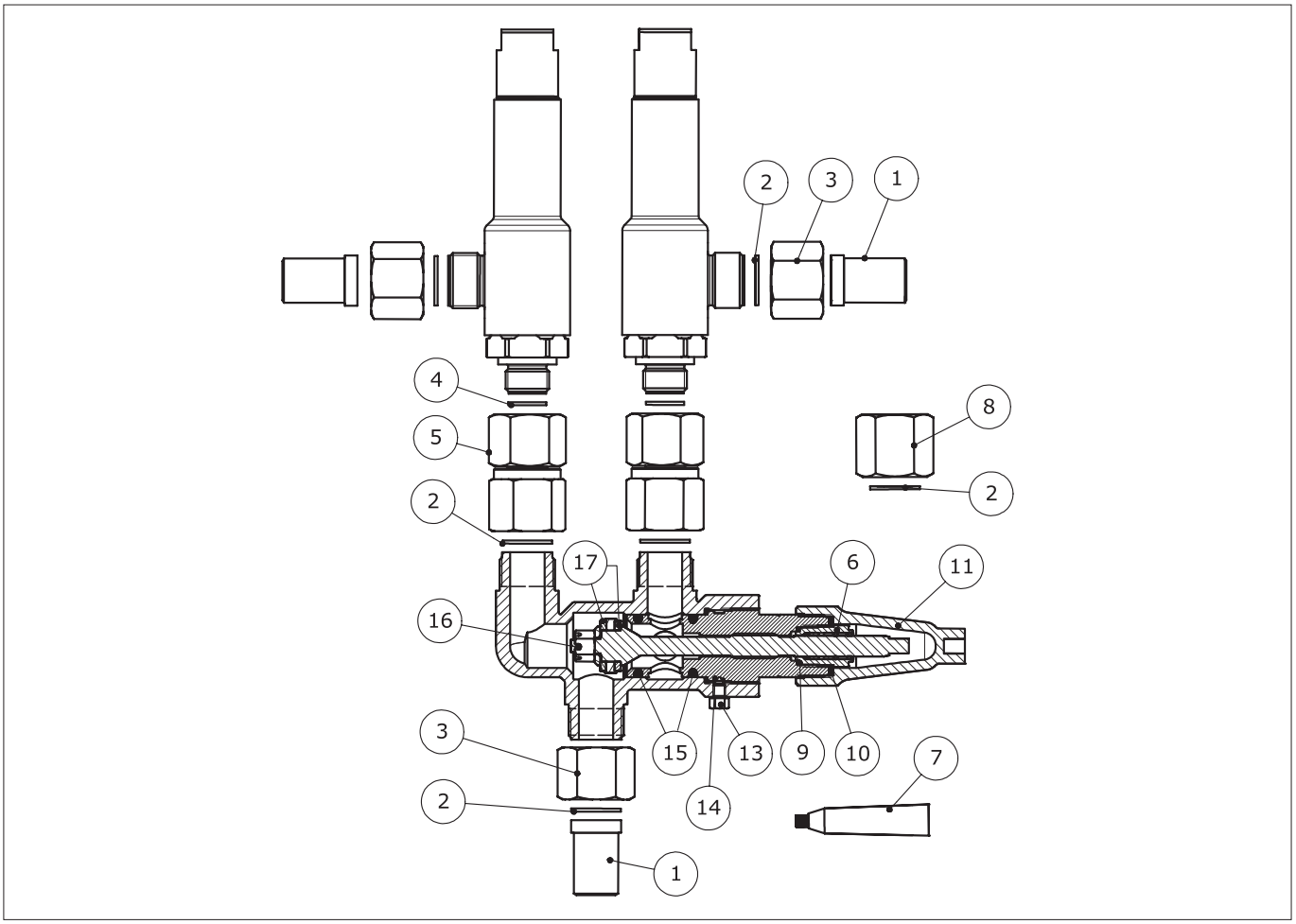
Change-over valves
Type DSV 1, size 25 (1 in.)



Description	Pos. #	Qty.	Code no.
Spare part kit, for bonnet and cap (installation kit)			
O-ring for seat	16	1	**148F3022**
O-ring for housing/bonnet	17	1	
Gasket for cap	23	1	
Dismounting kit			
Gasket for reducer SFV 15/DSV 1	30	2	**148F3029**
Gasket for reducer SFV 15/DSV 1	31	2	
Gasket for nipple SFV 15/DSV 1	32	2	
Repair kit, complete set of gaskets			
Gasket for cone	8	1	**148F3024**
O-ring for seat	16	1	
O-ring for housing/bonnet	17	1	
Lock pin	18	1	
Slotted nut	20	1	
Gasket for cap	23	1	
Gaskets complete for packing gland	29a	1	
Gasket for reducer SFV 15/DSV 1	30	1	
Gasket for reducer SFV 15/DSV 1	31	1	
Gasket for nipple SFV 15/DSV 1	32	1	

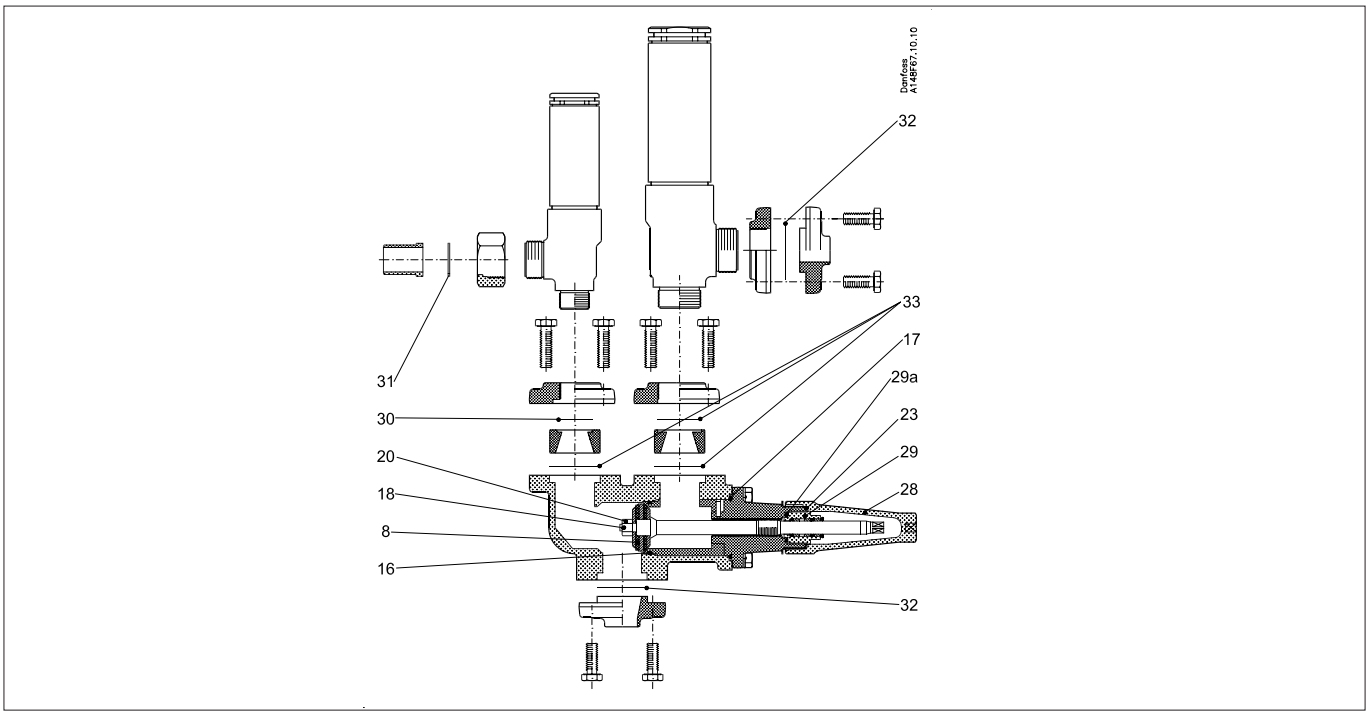
Description	Pos. #	Qty.	Code no.
Packing gland incl. gaskets (with O-rings)			
Packing gland incl. gaskets	29	1	**148B4032**
Cap incl. gasket			
Cap incl. gasket	28	1	**148B4076**
Grease			
Grease for packing gland (tube)	-	1	**148H3445**

Change-over valve
Type DSV 10 (3/8 in.)



Description	Pos. #	Qty.	Code no.
Spare part kit, for bonnet and cap (dismounting set)			
O ring for housing/bonnet	15	2	**148F3001**
Compression ring	14	1	
Lock screw	13	1	
Gasket for cap	10	1	
SFA 10 /DSV 10 inspection kit			
Al gasket for nipple ND 15/ND 20	2	5	**148F3068**
Al gasket in retainer of SFA10/SFA15	4	2	
Repair kit, complete set of gaskets			
Packing gland	6	1	**148F3066**
Gasket complete for packing gland	9	1	
Gasket for cone	17	2	
O ring for bonnet	15	2	
Lock pin	16	1	
Lock screw	13	1	
Gasket for cap	10	1	
Al gasket for nipple ND 15/ND 20	2	5	
Al gasket in retainer of SFA10/SFA15	4	2	
Compressing ring	14	1	
Packing gland incl. gaskets (with O-rings)			
Packing gland	6	1	**148B3065**
Gasket complete for packing gland	9	1	
Cap incl. gasket			
Al cap	11	1	**148B4075**
Gasket for the cap	10	1	
Grease for packing gland (tube)	7	8	**148H3445**

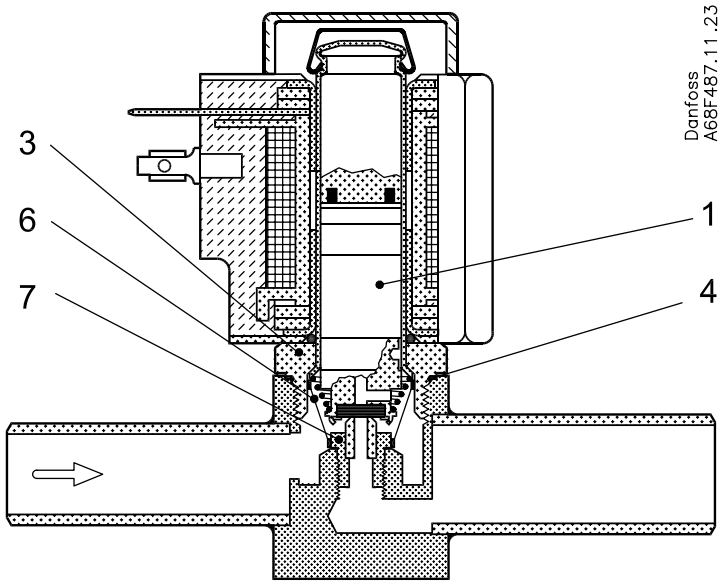
Change-over valves
Type DSV 2



Description	Pos. #	Qty.	Code no.
Spare part kit, for bonnet and cap (installation kit)			
O-ring for seat	16	1	**148F3023**
O-ring for housing/bonnet	17	1	
Gasket for cap	23	1	
Dismounting kit			
Gasket for flange SFV 15/DSV 2	30	2	**148F3030**
Gasket for nipple SFV 15	31	2	
Gasket for flange SFV 15-20-25/DSV 2	32	2	
Gasket for flange SFV 20-25/DSV 2	33	2	
Repair kit, complete set of gaskets			
Gasket for cone	8	1	**148F3025**
O-ring for seat	16	1	
O-ring for housing/bonnet	17	1	
Lock pin	18	1	
Slotted nut	20	1	
Gasket for cap	23	1	
Gaskets complete for packing gland	29a	1	
Gasket for flange SFV 15/DSV 2	30	1	
Gasket for nipple SFV 15	31	1	
Gasket for flange SFV 15-20-25/DSV 2	32	1	
Gasket for flange SFV 20-25/DSV 2	33	1	

Description	Pos. #	Qty.	Code no.
Packing gland incl. gaskets (with O-rings)			
Packing gland incl. gaskets	29	1	**148B4032**
Cap incl. gasket			
Cap incl. gasket	28	1	**148B4076**
Grease for packing gland (tube)			
Grease for packing gland (tube)		1	**148H3445**

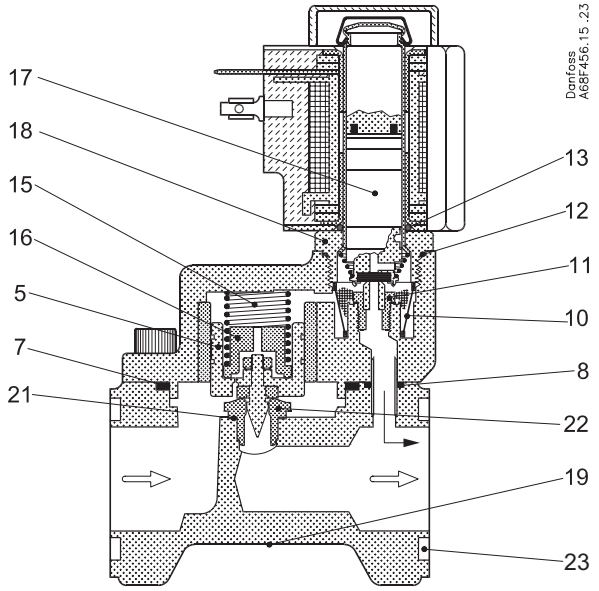
Electric expansion valves
Type AKVA 10



Description	Pos. #	Qty.	Code no.
Orifice			
Orifice 10-1	7	1	**068F0526**
Alu gasket	4	10	
Orifice 10-2	7	1	**068F0527**
Alu gasket	4	10	
Orifice 10-3	7	1	**068F0528**
Alu gasket	4	10	
Orifice 10-4	7	1	**068F0529**
Alu gasket	4	10	
Orifice 10-5	7	1	**068F0530**
Alu gasket	4	10	
Orifice 10-6	7	1	**068F0531**
Alu gasket	4	10	
Orifice 10-7	7	1	**068F0532**
Alu gasket	4	10	

Description	Pos. #	Qty.	Code no.
Filter			
Filter	6	10	**068F0540**
Alu gasket	4	10	
Armature set			
Armature	1	1	**068F5045**
Armature tube assembly	3	1	
Alu gasket	4	1	

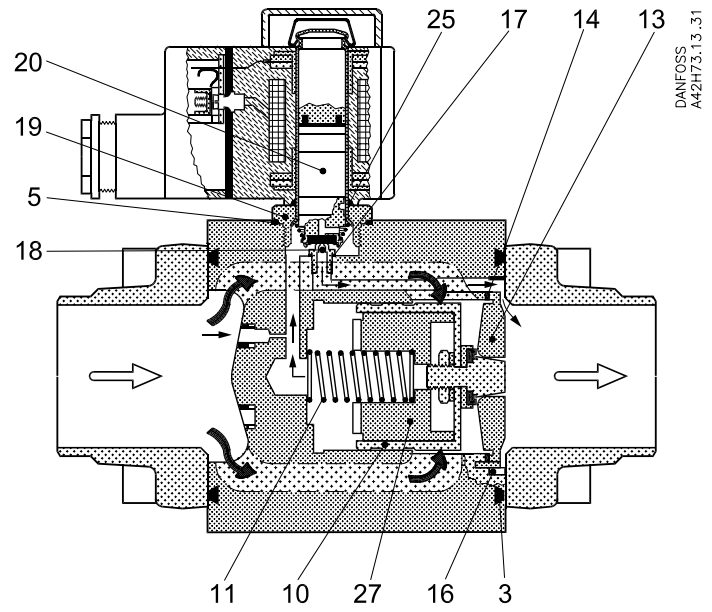
Electric expansion valves
Type AKVA 15



Description	Pos. #	Qty.	Code no.
Piston kit - AKVA 15-1			
Piston assembly	5	1	**068F5265**
Square gasket, rubber	7	1	
O-ring	8	1	
Spring	15	1	
Insert	16	1	
Label	19	1	
Piston kit - AKVA 15-2			
Piston assembly	5	1	**068F5266**
Square gasket, rubber	7	1	
O-ring	8	1	
Spring	15	1	
Insert	16	1	
Label	19	1	
Piston kit - AKVA 15-3			
Piston assembly	5	1	**068F5267**
Square gasket, rubber	7	1	
O-ring	8	1	
Spring	15	1	
Insert	16	1	
Label	19	1	
Piston kit - AKVA 15-4			
Piston assembly	5	1	**068F5268**
Square gasket, rubber	7	1	
O-ring	8	1	
Spring	15	1	
Insert	16	1	
Label	19	1	

Description	Pos. #	Qty.	Code no.
Orifice set			
Main orifice	22	1	**068F5261**
Pilot orifice	11	1	
Alu gasket	21	1	
O-ring	8	1	
Square gasket, rubber	7	1	
Armature set			
Armature	17	1	**068F5045**
Armature tube assembly	18	1	
Alu gasket	12	1	
Filter			
Filter	10	10	**068F0540**
Alu gasket	12	10	
Gasket set			
O-ring	8	10	**068F5264**
O-ring	13	10	
Alu gasket	12	10	
Alu gasket	21	10	
Square gasket, rubber	7	10	
Flange gasket	23	20	

Electric expansion valves
Type AKVA 20

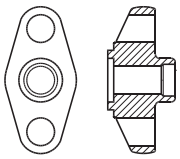
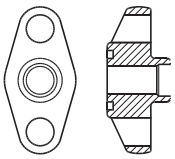
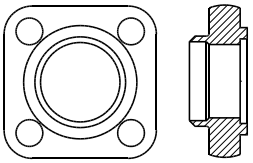
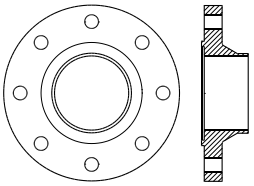


Description	Pos. #	Qty.	Code no.
Piston kit - AKVA 20-0.6			
Piston assembly	10	1	**042H2039**
Spring	11	1	
Insert	27	1	
O-ring	14	1	
O-ring	3	2	
Piston kit - AKVA 20-1			
Piston assembly	10	1	**042H2040**
Spring	11	1	
Insert	27	1	
O-ring	14	1	
O-ring	3	2	
Piston kit - AKVA 20-2			
Piston assembly	10	1	**042H2041**
Spring	11	1	
Insert	27	1	
O-ring	14	1	
O-ring	3	2	
Piston kit - AKVA 20-3			
Piston assembly	10	1	**042H2042**
Spring	11	1	
Insert	27	1	
O-ring	14	1	
O-ring	3	2	
Piston kit - AKVA 20-4			
Piston assembly	10	1	**042H2043**
Spring	11	1	
Insert	27	1	
O-ring	14	1	
O-ring	3	2	

Description	Pos. #	Qty.	Code no.
Piston kit - AKVA 20-5			
Piston assembly	10	1	**042H2044**
Spring	11	1	
Insert	27	1	
O-ring	14	1	
O-ring	3	2	
Orifice kit (for AKVA 20-0.6, AKVA 20-1, AKVA 20-2, AKVA 20-3)			
Main orifice, dia. 8 mm	13	1	**068F5270**
Pilot orifice, dia. 1.2 mm	18	1	
Pin	16	1	
O-ring	3	2	
O-ring	14	1	
Alu gasket	17	1	
Orifice kit (for AKVA 20-4, AKVA 20-5)			
Main orifice, dia. 14 mm	13	1	**068F5271**
Pilot orifice, dia. 2.4 mm	18	1	
Pin	16	1	
O-ring	3	2	
O-ring	14	1	
Alu gasket	17	1	
Seal kit			
O-ring	3	2	**042H0160**
O-ring	14	1	
O-ring	25	1	
Alu gasket	5	2	
Alu gasket	17	1	
Armature set			
Armature	20	1	**068F5045**
Armature tube assembly	19	1	
Alu gasket	5	1	

Data sheet – Spare parts and accessories

Flanges, gaskets, bolts and nuts for Industrial Refrigeration products

Tongue (oval):	Groove (oval):	Tongue (Square):	Tongue (Round):
			

Ordering flanges, gaskets, bolts and nuts for: **Page**

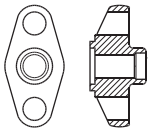
TEA/TEAT Expansion valves 324
EVRA/EVRAT Solenoid valves 326
ICF EVRAT - FA + solenoid valves 328
PML Solenoid valves 330
PMLX 2-step solenoid valves 331
PM Pilot operated servo valves 332
ICV PM Valve housings 334
PMC Pilot operated servo valves 335
CVMD Pressure regulating valves 336
FA Strainers 337
NRVA Check valves 339
NRVS Check valves 341
PMFL Liquid level regulating valves 342
PMFH Liquid level regulating valves 343

Dimensions for:

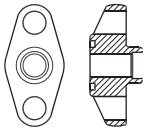
Flange version 1 344
Flange version 2 346
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Flange version 10 352
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Flange version 12 354
Flange version 13 355
Flange version 14 356
Flange for NRVS (special) 358

Flanges for TEA / TEAT Expansion valves

Tongue (oval):



Groove (oval):



For product	Connection size [in.]	Connection size [mm]	Material	Flange type	Design	Connection standard	Connection type	Shape	Code no.
Flange version 1									
TEA 20 / TEAT 20	¼	6	Steel	Single	Tongue	EN 10220	Butt welding	Oval	**006-1118**
TEA 20 / TEAT 20	¼	6	Steel	Single	Groove	EN 10220	Butt welding	Oval	**006-1119**
TEA 20 / TEAT 20	⅜	10	Steel	Single	Tongue	EN 10220	Butt welding	Oval	**006-1120**
TEA 20 / TEAT 20	⅜	10	Steel	Single	Groove	EN 10220	Butt welding	Oval	**006-1121**
TEA 20 / TEAT 20	½	15	Steel	Single	Tongue	EN 10220	Butt welding	Oval	**006-1122**
TEA 20 / TEAT 20	½	15	Steel	Single	Groove	EN 10220	Butt welding	Oval	**006-1123**
TEA 20 / TEAT 20	¾	20	Steel	Single	Tongue	EN 10220	Butt welding	Oval	**006-1124**
TEA 20 / TEAT 20	¾	20	Steel	Single	Groove	EN 10220	Butt welding	Oval	**006-1125**
TEA 20 / TEAT 20	½	-	Brass	Single	Tongue	ASME B 16.22	Soldering	Oval	**006-1160**
TEA 20 / TEAT 20	½	-	Brass	Single	Groove	ASME B 16.22	Soldering	Oval	**006-1161**
TEA 20 / TEAT 20	⅝	-	Brass	Single	Tongue	ASME B 16.22	Soldering	Oval	**006-1162**
TEA 20 / TEAT 20	⅝	-	Brass	Single	Groove	ASME B 16.22	Soldering	Oval	**006-1163**
TEA 20 / TEAT 20	⅞	-	Brass	Single	Tongue	ASME B 16.22	Soldering	Oval	**006-1176**
TEA 20 / TEAT 20	⅞	-	Brass	Single	Groove	ASME B 16.22	Soldering	Oval	**006-1177**
TEA 20 / TEAT 20	1	-	Brass	Single	Tongue	ASME B 16.22	Soldering	Oval	**006-1166**
Flange version 1.2									
TEA 20 / TEAT 20	-	15 x 15	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027B0181**
TEA 20 / TEAT 20	⅝ x ⅞	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	**006-1195**
Flange version 1.3									
TEA 20 / TEAT 20	½	15	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**192H3253**
TEA 20 / TEAT 20	⅜	10	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027N1112**
TEA 20 / TEAT 20	½	15	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027N1115**
TEA 20 / TEAT 20	¾	20	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027N1120**
TEA 20 / TEAT 20	⅜	10	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	**027N2020**
TEA 20 / TEAT 20	½	15	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	**027N2021**
TEA 20 / TEAT 20	¾	20	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	**027N2022**
TEA 20 / TEAT 20	⅜	10	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	**027N2010**
TEA 20 / TEAT 20	½	15	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	**027N2011**
TEA 20 / TEAT 20	⅜	10	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	**027G1005**
TEA 20 / TEAT 20	½	15	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	**027G1006**
TEA 20 / TEAT 20	-	16	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	**027L1116**
TEA 20 / TEAT 20	-	22	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	**027L1122**
TEA 20 / TEAT 20	⅝	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	**027L1117**
TEA 20 / TEAT 20	⅞	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	**027L1123**
Flange version 3									
TEA 85 / TEAT 85	1	25	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**192H3014**
TEA 85 / TEAT 85	¾	20	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**192H3045**
TEA 85 / TEAT 85	¾	20	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027N1220**
TEA 85 / TEAT 85	1	25	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027N1225**
TEA 85 / TEAT 85	1¼	32	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027N1230**
TEA 85 / TEAT 85	¾	20	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	**027N3031**
TEA 85 / TEAT 85	1	25	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	**027N3032**
TEA 85 / TEAT 85	1¼	32	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	**027N3033**
TEA 85 / TEAT 85	¾	20	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	**027N2001**
TEA 85 / TEAT 85	1	25	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	**027N2002**
TEA 85 / TEAT 85	¾	20	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	**027G1001**
TEA 85 / TEAT 85	1	25	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	**027G1002**
TEA 85 / TEAT 85	-	22	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	**027L1222**
TEA 85 / TEAT 85	-	28	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	**027L1228**
TEA 85 / TEAT 85	⅞	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	**027L1223**
TEA 85 / TEAT 85	1⅛	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	**027L1229**

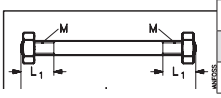
Flange version 1: Each code no. includes one flange and one flange gasket.
Flange version 1.2: Each code no. includes two flanges, two flange gaskets, two staybolts (M12 × 135 mm / M12 × 127 mm) and four nuts (M12).
Flange version 1.3: Each code no. includes two flanges.
Flange version 3: Each code no. includes two flanges.

Flange gaskets

For flange version	Gasket dimensions ID x OD x h [mm]	Gasket dimensions ID x OD x h [in.]	Multipack qty	Code no.
1 + 1.2 + 1.3	22 × 32 × 1.0	0.866 × 1.260 × 0.039	40	**020-2133**

Data sheet – Spare parts and accessories

Set of staybolts and gaskets for flanges

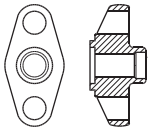


Set of staybolts and gaskets for	Material	Thread [M]	L_1 [mm]	L_1 [in.]	L [mm]	L [in.]	Staybolts qty	Nuts qty	Gaskets qty	Code no.
TEA 20 / TEAT 20 without filter	Steel	M12	19	0.748	115	4.527	2	4	3	**006-1107**
TEA 20 / TEAT 20 with filter	Steel	M12	19	0.748	170	6.693	2	4	3	**006-1103**
TEA 85 / TEAT 85 with filter	Steel	M12	25	0.984	206	8.110	2	4	3	**006-1106**

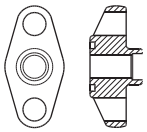
Data sheet – Spare parts and accessories

Flanges for EVRA / EVRAT Solenoid valves

Tongue (oval):



Groove (oval):



For product	Connection size [in.]	Connection size [mm]	Material	Flange type	Design	Connection standard	Connection type	Shape	Code no.
Flange version 1									
EVRA 3 / EVRA 10 / EVRA 15	¼	6	Steel	Single	Tongue	EN 10220	Butt welding	Oval	**006-1118**
EVRA 3 / EVRA 10 / EVRA 15	¼	6	Steel	Single	Groove	EN 10220	Butt welding	Oval	**006-1119**
EVRA 3 / EVRA 10 / EVRA 15	⅜	10	Steel	Single	Tongue	EN 10220	Butt welding	Oval	**006-1120**
EVRA 3 / EVRA 10 / EVRA 15	⅜	10	Steel	Single	Groove	EN 10220	Butt welding	Oval	**006-1121**
EVRA 3 / EVRA 10 / EVRA 15	½	15	Steel	Single	Tongue	EN 10220	Butt welding	Oval	**006-1122**
EVRA 3 / EVRA 10 / EVRA 15	½	15	Steel	Single	Groove	EN 10220	Butt welding	Oval	**006-1123**
EVRA 3 / EVRA 10 / EVRA 15	¾	20	Steel	Single	Tongue	EN 10220	Butt welding	Oval	**006-1124**
EVRA 3 / EVRA 10 / EVRA 15	¾	20	Steel	Single	Groove	EN 10220	Butt welding	Oval	**006-1125**
EVRA 3 / EVRA 10 / EVRA 15	½	-	Brass	Single	Tongue	ASME B 16.22	Soldering	Oval	**006-1160**
EVRA 3 / EVRA 10 / EVRA 15	½	-	Brass	Single	Groove	ASME B 16.22	Soldering	Oval	**006-1161**
EVRA 3 / EVRA 10 / EVRA 15	⅝	-	Brass	Single	Tongue	ASME B 16.22	Soldering	Oval	**006-1162**
EVRA 3 / EVRA 10 / EVRA 15	⅝	-	Brass	Single	Groove	ASME B 16.22	Soldering	Oval	**006-1163**
EVRA 3 / EVRA 10 / EVRA 15	⅞	-	Brass	Single	Tongue	ASME B 16.22	Soldering	Oval	**006-1176**
EVRA 3 / EVRA 10 / EVRA 15	⅞	-	Brass	Single	Groove	ASME B 16.22	Soldering	Oval	**006-1177**
EVRA 3 / EVRA 10 / EVRA 15	1	-	Brass	Single	Tongue	ASME B 16.22	Soldering	Oval	**006-1166**
Flange version 1.2									
EVRA 3 / EVRA 10 / EVRA 15	-	15 x 15	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027B0181**
EVRA 3 / EVRA 10 / EVRA 15	⅝ x ⅞	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	**006-1195**
Flange version 1.3									
EVRA 3 / EVRA 10 / EVRA 15	½	15	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**192H3253**
EVRAT 20	½	15	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**192H3253**
EVRA 3 / EVRA 10 / EVRA 15	⅜	10	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027N1112**
EVRA 3 / EVRA 10 / EVRA 15	½	15	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027N1115**
EVRA 3 / EVRA 10 / EVRA 15	¾	20	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027N1120**
EVRA 3 / EVRA 10 / EVRA 15	⅜	10	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	**027N2020**
EVRA 3 / EVRA 10 / EVRA 15	½	15	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	**027N2021**
EVRA 3 / EVRA 10 / EVRA 15	¾	20	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	**027N2022**
EVRA 3 / EVRA 10 / EVRA 15	⅜	10	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	**027N2010**
EVRA 3 / EVRA 10 / EVRA 15	½	15	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	**027N2011**
EVRA 3 / EVRA 10 / EVRA 15	⅜	10	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	**027G1005**
EVRA 3 / EVRA 10 / EVRA 15	½	15	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	**027G1006**
EVRA 3 / EVRA 10 / EVRA 15	-	16	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	**027L1116**
EVRA 3 / EVRA 10 / EVRA 15	-	22	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	**027L1122**
EVRA 3 / EVRA 10 / EVRA 15	⅝	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	**027L1117**
EVRA 3 / EVRA 10 / EVRA 15	⅞	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	**027L1123**
Flange version 3									
EVRA 20 / EVRA 25	1	25	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**192H3014**
EVRA 20 / EVRA 25	¾	20	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**192H3045**
EVRA 20 / EVRA 25	¾	20	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027N1220**
EVRA 20 / EVRA 25	1	25	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027N1225**
EVRA 20 / EVRA 25	1¼	32	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027N1230**
EVRA 20 / EVRA 25	¾	20	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	**027N3031**
EVRA 20 / EVRA 25	1	25	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	**027N3032**
EVRA 20 / EVRA 25	1¼	32	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	**027N3033**
EVRA 20 / EVRA 25	¾	20	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	**027N2001**
EVRA 20 / EVRA 25	1	25	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	**027N2002**
EVRA 20 / EVRA 25	¾	20	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	**027G1001**
EVRA 20 / EVRA 25	-	22	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	**027L1222**
EVRA 20 / EVRA 25	-	28	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	**027L1228**
EVRA 20 / EVRA 25	⅞	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	**027L1223**
EVRA 20 / EVRA 25	1⅛	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	**027L1229**

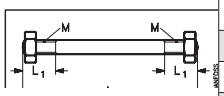
Flange version 1: Each code no. includes one flange and one flange gasket.
Flange version 1.2: Each code no. includes two flanges, two flange gaskets, two staybolts (M12 × 135 mm / M12 × 127 mm) and four nuts (M12).
Flange version 1.3: Each code no. includes two flanges.
Flange version 3: Each code no. includes two flanges.

Flange gaskets

For flange version	Gasket dimensions ID x OD x h [mm]	Gasket dimensions ID x OD x h [in.]	Multipack qty	Code no.
1.1 + 1.2 + 1.3	22 × 32 × 1.0	0.866 × 1.260 × 0.039	40	**020-2133**

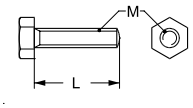
Flanges for EVRA / EVRAT Solenoid valves (continued)

Set of staybolts and gaskets for flanges



Set of staybolts and gaskets for	Material	Thread [M]	L_1 [mm]	L_1 [in.]	L [mm]	L [in.]	Staybolts qty	Nuts qty	Gaskets qty	Code no.
EVRA 10 (GGG 40.3)	Steel	M12	19	0.748	107	4.212	2	4	3	**006-1101**
EVRA 10 / EVRA 15 (GG 25) with filter	Steel	M12	19	0.748	188	7.401	2	4	3	**006-1104**
EVRA 20 / EVRA 25 (GG 25) with filter	Steel	M12	22	0.866	240	9.449	2	4	3	**006-1105**
EVRA 20 (GGG 40.3)	Steel	M12	19	0.748	127	5.000	2	4	3	**006-1108**

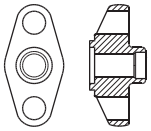
Bolts for flange connections



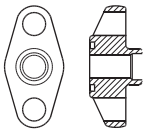
Type	Material	Material property class	M [mm]	L [mm]	L [in.]	Qty	Code no.
EVRA 20 / EVRA 25 / EVRAT 20	Stainless steel	Class A2/A4 to DIN 267	M12	45	1.772	4	**027F2220**
EVRA 10 / EVRA 15 / EVRAT 10 / EVRAT 15	Steel	Class 8 .8 to ISO 898	M12	35	1.378	4	**006-1139**
EVRA 20 / EVRA 25 / EVRAT 20	Steel	Class 8 .8 to ISO 898	M12	45	1.772	4	**006-1141**

Flanges for ICF EVRAT - FA + solenoid valves

Tongue (oval):



Groove (oval):



For product	Connection size [in.]	Connection size [mm]	Material	Flange type	Design	Connection standard	Connection type	Shape	Code no.
Flange version 1									
ICF 15 EVRAT	¼	6	Steel	Single	Tongue	EN 10220	Butt welding	Oval	**006-1118**
ICF 15 EVRAT	¼	6	Steel	Single	Groove	EN 10220	Butt welding	Oval	**006-1119**
ICF 15 EVRAT	⅜	10	Steel	Single	Tongue	EN 10220	Butt welding	Oval	**006-1120**
ICF 15 EVRAT	⅜	10	Steel	Single	Groove	EN 10220	Butt welding	Oval	**006-1121**
ICF 15 EVRAT	½	15	Steel	Single	Tongue	EN 10220	Butt welding	Oval	**006-1122**
ICF 15 EVRAT	½	15	Steel	Single	Groove	EN 10220	Butt welding	Oval	**006-1123**
ICF 15 EVRAT	¾	20	Steel	Single	Tongue	EN 10220	Butt welding	Oval	**006-1124**
ICF 15 EVRAT	¾	20	Steel	Single	Groove	EN 10220	Butt welding	Oval	**006-1125**
ICF 15 EVRAT	½	-	Brass	Single	Tongue	ASME B 16.22	Soldering	Oval	**006-1160**
ICF 15 EVRAT	½	-	Brass	Single	Groove	ASME B 16.22	Soldering	Oval	**006-1161**
ICF 15 EVRAT	⅝	-	Brass	Single	Tongue	ASME B 16.22	Soldering	Oval	**006-1162**
ICF 15 EVRAT	⅝	-	Brass	Single	Groove	ASME B 16.22	Soldering	Oval	**006-1163**
ICF 15 EVRAT	⅞	-	Brass	Single	Tongue	ASME B 16.22	Soldering	Oval	**006-1176**
ICF 15 EVRAT	⅞	-	Brass	Single	Groove	ASME B 16.22	Soldering	Oval	**006-1177**
ICF 15 EVRAT	1	-	Brass	Single	Tongue	ASME B 16.22	Soldering	Oval	**006-1166**
Flange version 1.2									
ICF 15 EVRAT	-	15 x 15	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027B0181**
ICF 15 EVRAT	⅝ x ⅞	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	**006-1195**
Flange version 1.3									
ICF 15 EVRAT	½	15	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**192H3253**
ICF 20 EVRAT	½	15	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**192H3253**
ICF 15 EVRAT	⅜	10	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027N1112**
ICF 15 EVRAT	½	15	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027N1115**
ICF 15 EVRAT	¾	20	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027N1120**
ICF 15 EVRAT	⅜	10	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	**027N2020**
ICF 15 EVRAT	½	15	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	**027N2021**
ICF 15 EVRAT	¾	20	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	**027N2022**
ICF 15 EVRAT	⅜	10	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	**027N2010**
ICF 15 EVRAT	½	15	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	**027N2011**
ICF 15 EVRAT	⅜	10	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	**027G1005**
ICF 15 EVRAT	½	15	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	**027G1006**
ICF 15 EVRAT	-	16	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	**027L1116**
ICF 15 EVRAT	-	22	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	**027L1122**
ICF 15 EVRAT	⅝	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	**027L1117**
ICF 15 EVRAT	⅞	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	**027L1123**
Flange version 3									
ICF 20 EVRAT	1	25	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**192H3014**
ICF 20 EVRAT	¾	20	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**192H3045**
ICF 20 EVRAT	¾	20	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027N1220**
ICF 20 EVRAT	1	25	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027N1225**
ICF 20 EVRAT	1¼	32	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027N1230**
ICF 20 EVRAT	¾	20	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	**027N3031**
ICF 20 EVRAT	1	25	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	**027N3032**
ICF 20 EVRAT	1¼	32	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	**027N3033**
ICF 20 EVRAT	¾	20	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	**027N2001**
ICF 20 EVRAT	1	25	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	**027N2002**
ICF 20 EVRAT	¾	20	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	**027G1001**
ICF 20 EVRAT	-	22	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	**027L1222**
ICF 20 EVRAT	-	28	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	**027L1228**
ICF 20 EVRAT	⅞	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	**027L1223**
ICF 20 EVRAT	1⅛	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	**027L1229**

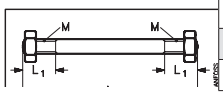
Flange version 1: Each code no. includes one flange and one flange gasket.
Flange version 1.2: Each code no. includes two flanges, two flange gaskets, two staybolts (M12 × 135 mm / M12 × 127 mm) and four nuts (M12).
Flange version 1.3: Each code no. includes two flanges.
Flange version 3: Each code no. includes two flanges.

Flange gaskets

For flange version	Gasket dimensions ID x OD x h [mm]	Gasket dimensions ID x OD x h [in.]	Multipack qty	Code no.
1.1 + 1.2 + 1.3	22 × 32 × 1.0	0.866 × 1.260 × 0.039	40	**020-2133**

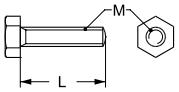
Flanges for ICF EVRAT - FA + solenoid valves (continued)

Set of staybolts and gaskets for flanges



Set of staybolts and gaskets for	Material	Thread [M]	L_1 [mm]	L_1 [in.]	L [mm]	L [in.]	Staybolts qty	Nuts qty	Gaskets qty	Code no.
ICF 15 EVRAT	Steel	M12	19	0.748	188	7.401	2	4	3	**006-1104**
ICF 20 EVRAT	Steel	M12	22	0.866	240	9.449	2	4	3	**006-1105**
ICF 20 EVRAT	Steel	M12	19	0.748	127	5.000	2	4	3	**006-1108**

Bolts for flange connections

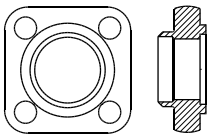


Type	Material	Material property class	M [mm]	L [mm]	L [in.]	Qty	Code no.
ICF 20 EVRAT	Stainless steel	Class A2/A4 to DIN 267	M12	45	1.772	4	**027F2220**
ICF 15 EVRAT	Steel	Class 8 .8 to ISO 898	M12	35	1.378	4	**006-1139**
ICF 20 EVRAT	Steel	Class 8 .8 to ISO 898	M12	45	1.772	4	**006-1141**

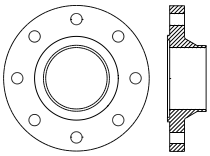
Data sheet – Spare parts and accessories

Flanges for PML Solenoid valves

Tongue (Square):



Tongue (Round):



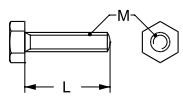
For product	Connection size [in.]	Connection size [mm]	Material	Flange type	Design	Connection standard	Connection type	Shape	Code no.
Flange version 10									
PML 32	1½	40	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**192H3016**
PML 32	1¼	32	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2332**
PML 32	1½	40	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2340**
PML 32	1⅜	-	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	**027L2335**
Flange version 11									
PML 40	2	50	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**192H3018**
PML 40	1½	40	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2440**
PML 40	2	50	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2450**
PML 40	1½	40	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Square	**027N2004**
PML 40	-	42	Steel	Set	Tongue/tongue	EN 1254	Soldering	Square	**027L2442**
PML 40	1⅝	-	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	**027L2441**
Flange version 12									
PML 50	2½	65	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**192H3020**
PML 50	2	50	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2550**
PML 50	2½	65	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2565**
PML 50	2	50	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Square	**027N2005**
PML 50	2⅛	54	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	**027L2554**
Flange version13									
PML 65	2½	65	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2665**
PML 65	3	80	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2680**
PML 65	-	76	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	**027L2666**
PML 65	2⅝	-	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	**027L2676**
Flange version14A									
PML 80	4	100	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Round	**027F2123**
PML 80	4	100	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Round	**027N3042**
Flange version14B									
PML 100	5	125	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Round	**027F2124**
PML 100	5	125	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Round	**027N3043**
Flange version14C									
PML 125	6	150	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Round	**027F2125**
PML 125	6	150	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Round	**027N3044**

Flange version 10, 11, 12, 13, 14A, 14B, 14C: Each code no. includes two flanges.

Flange gaskets

For flange version	Gasket dimensions ID x OD x h [mm]	Gasket dimensions ID x OD x h [in.]	Multipack qty	Code no.
10	42.5 × 57.5 × 1.5	1.673 × 2.264 × 0.059	40	**027F2176**
11	51 × 65 × 1.5	2.008 × 2.559 × 0.059	40	**027F2177**
12	60.5 × 75.5 × 1.5	2.382 × 2.972 × 0.059	40	**027F2178**

Bolts and nuts for flange connections

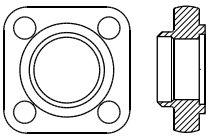


Type	Material	Material property class	Description	M [mm]	L [mm]	L [in.]	Qty	Code no. Bolts	Code no. Nuts
PML 32 / PML 40	Stainless steel	Class A2/A4 to DIN 267	Bolts	M12	45	1.772	8	**027F2221**	-
PML 50	Stainless steel	Class A2/A4 to DIN 267	Bolts + nuts	M14	65	2.559	8	**027F2222**	-
PML 80	Stainless steel	Class A2/A4 to DIN 267	Bolts + nuts	M20	70	2.756	16	**027F2224**	-
PML 32 / PML 40	Steel	Class 8 .8 to ISO 898	Bolts	M12	45	1.772	4	**006-1141**	-
PML 50	Steel	Class 8 .8 to ISO 898	Bolts	M14	65	2.559	4	**006-1142**	-
PML 65	Steel	Class 8 .8 to ISO 898	Bolts	M14	70	2.756	4	**006-1143**	**006-1146**
PML 80	Steel	Class 8 .8 to ISO 898	Bolts + nuts	M20	70	2.756	16	**027F2126**	-
PML 100	Steel	Class 8 .8 to ISO 898	Bolts + nuts	M20	75	2.953	16	**027F2127**	-

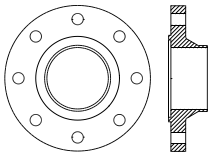
Data sheet – Spare parts and accessories

Flanges for PMLX 2-step solenoid valves

Tongue (Square):



Tongue (Round):



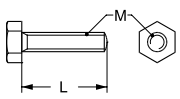
For product	Connection size [in.]	Connection size [mm]	Material	Flange type	Design	Connection standard	Connection type	Shape	Code no.
Flange version 10									
PMLX 32	1½	40	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**192H3016**
PMLX 32	1¼	32	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2332**
PMLX 32	1½	40	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2340**
PMLX 32	1⅜	-	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	**027L2335**
Flange version 11									
PMLX 40	2	50	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**192H3018**
PMLX 40	1½	40	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2440**
PMLX 40	2	50	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2450**
PMLX 40	1½	40	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Square	**027N2004**
PMLX 40	-	42	Steel	Set	Tongue/tongue	EN 1254	Soldering	Square	**027L2442**
PMLX 40	1⅝	-	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	**027L2441**
Flange version 12									
PMLX 50	2	50	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2550**
PMLX 50	2½	65	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2565**
PMLX 50	2	50	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Square	**027N2005**
PMLX 50	2⅛	54	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	**027L2554**
Flange version13									
PMLX 65	2½	65	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2665**
PMLX 65	3	80	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2680**
PMLX 65	-	76	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	**027L2666**
PMLX 65	2⅝	-	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	**027L2676**
Flange version14A									
PMLX 80	4	100	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Round	**027F2123**
PMLX 80	4	100	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Round	**027N3042**
Flange version14B									
PMLX 100	5	125	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Round	**027F2124**
PMLX 100	5	125	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Round	**027N3043**
Flange version14C									
PMLX 125	6	150	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Round	**027F2125**
PMLX 125	6	150	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Round	**027N3044**

Flange version 10, 11, 12, 13, 14A, 14B, 14C: Each code no. includes two flanges.

Flange gaskets

For flange version	Gasket dimensions ID x OD x h [mm]	Gasket dimensions ID x OD x h [in.]	Multipack qty	Code no.
10	42.5 × 57.5 × 1.5	1.673 × 2.264 × 0.059	40	**027F2176**
11	51 × 65 × 1.5	2.008 × 2.559 × 0.059	40	**027F2177**
12	60.5 × 75.5 × 1.5	2.382 × 2.972 × 0.059	40	**027F2178**

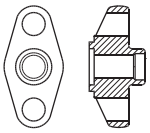
Bolts and nuts for flange connections



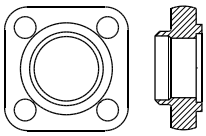
Type	Material	Material property class	Description	M [mm]	L [mm]	L [in.]	Qty	Code no. Bolts	Code no. Nuts
PMLX 32-40	Stainless steel	Class A2/A4 to DIN 267	Bolts	M12	45	1.772	8	**027F2221**	-
PMLX 50	Stainless steel	Class A2/A4 to DIN 267	Bolts + nuts	M14	65	2.559	8	**027F2222**	-
PMLX 80	Stainless steel	Class A2/A4 to DIN 267	Bolts + nuts	M20	70	2.756	16	**027F2224**	-
PMLX 32-40	Steel	Class 8 .8 to ISO 898	Bolts	M12	45	1.772	4	**006-1141**	-
PMLX 50	Steel	Class 8 .8 to ISO 898	Bolts	M14	65	2.559	4	**006-1142**	-
PMLX 65	Steel	Class 8 .8 to ISO 898	Bolts	M14	70	2.756	4	**006-1143**	**006-1146**
PMLX 80	Steel	Class 8 .8 to ISO 898	Bolts + nuts	M20	70	2.756	16	**027F2126**	-
PMLX 100	Steel	Class 8 .8 to ISO 898	Bolts + nuts	M20	75	2.953	16	**027F2127**	-

Flanges for PM Pilot operated servo valves

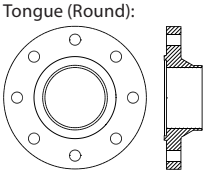
Tongue (oval):



Tongue (Square):



Tongue (Round):



For product	Connection size [in.]	Connection size [mm]	Material	Flange type	Design	Connection standard	Connection type	Shape	Code no.
Flange version 3									
PM 5 / PM 10 / PM 15	1	25	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**192H3014**
PM 5 / PM 10 / PM 15	¾	20	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**192H3045**
PM 5 / PM 10 / PM 15	¾	20	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027N1220**
PM 5 / PM 10 / PM 15	1	25	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027N1225**
PM 5 / PM 10 / PM 15	1¼	32	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027N1230**
PM 5 / PM 10 / PM 15	¾	20	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	**027N3031**
PM 5 / PM 10 / PM 15	1	25	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	**027N3032**
PM 5 / PM 10 / PM 15	1¼	32	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	**027N3033**
PM 5 / PM 10 / PM 15	¾	20	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	**027N2001**
PM 5 / PM 10 / PM 15	1	25	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	**027N2002**
PM 5 / PM 10 / PM 15	¾	20	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	**027G1001**
PM 5 / PM 10 / PM 15	1	25	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	**027G1002**
PM 5 / PM 10 / PM 15	-	22	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	**027L1222**
PM 5 / PM 10 / PM 15	-	28	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	**027L1228**
PM 5 / PM 10 / PM 15	7/8	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	**027L1223**
PM 5 / PM 10 / PM 15	1⅛	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	**027L1229**
Flange version 10									
PM 32	1½	40	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**192H3016**
PM 32	1¼	32	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2332**
PM 32	1½	40	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2340**
PM 32	1⅜	-	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	**027L2335**
Flange version 11									
PM 40	2	50	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**192H3018**
PM 40	1½	40	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2440**
PM 40	2	50	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2450**
PM 40	1½	40	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Square	**027N2004**
PM 40	-	42	Steel	Set	Tongue/tongue	EN 1254	Soldering	Square	**027L2442**
PM 40	1⅝	-	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	**027L2441**
Flange version 12									
PM 50	2	50	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2550**
PM 50	2½	65	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2565**
PM 50	2	50	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Square	**027N2005**
PM 50	2⅛	54	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	**027L2554**
Flange version13									
PM 65	2½	65	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2665**
PM 65	3	80	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2680**
PM 65	-	76	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	**027L2666**
PM 65	2⅝	-	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	**027L2676**
Flange version14A									
PM 80	4	100	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Round	**027F2123**
PM 80	4	100	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Round	**027N3042**
Flange version14B									
PM 100	5	125	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Round	**027F2124**
PM 100	5	125	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Round	**027N3043**
Flange version14C									
PM 125	6	150	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Round	**027F2125**
PM 125	6	150	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Round	**027N3044**

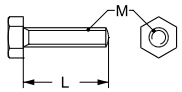
Flange version 3, 10, 11, 12, 13, 14A, 14B, 14C: Each code no. includes two flanges.

Flange gaskets

For flange version	Gasket dimensions ID x OD x h [mm]	Gasket dimensions ID x OD x h [in.]	Multipack qty	Code no.
10	42.5 × 57.5 × 1.5	1.673 × 2.264 × 0.059	40	**027F2176**
11	51 × 65 × 1.5	2.008 × 2.559 × 0.059	40	**027F2177**
12	60.5 × 75.5 × 1.5	2.382 × 2.972 × 0.059	40	**027F2178**

Flanges for PM Pilot operated servo valves (continued)

Bolts and nuts for flange connections

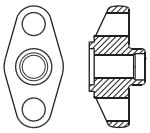


Type	Material	Material property class	Description	M [mm]	L [mm]	L [in.]	Qty	Code no. Bolts	Code no. Nuts
PM 5 / PM 10 / PM 15	Stainless steel	Class A2/A4 to DIN 267	Bolts	M12	45	1.772	4	**027F2220**	-
PM 32 / PM 40	Stainless steel	Class A2/A4 to DIN 267	Bolts	M12	45	1.772	8	**027F2221**	-
PM 50	Stainless steel	Class A2/A4 to DIN 267	Bolts + nuts	M14	65	2.559	8	**027F2222**	-
PM 80	Stainless steel	Class A2/A4 to DIN 267	Bolts + nuts	M20	70	2.756	16	**027F2224**	-
PM 5 / PM 10 / PM 15 / PM 32 / PM 40	Steel	Class 8 .8 to ISO 898	Bolts	M12	45	1.772	4	**006-1141**	-
PM 50	Steel	Class 8 .8 to ISO 898	Bolts	M14	65	2.559	4	**006-1142**	-
PM 65	Steel	Class 8 .8 to ISO 898	Bolts	M14	70	2.756	4	**006-1143**	**006-1146**
PM 80	Steel	Class 8 .8 to ISO 898	Bolts + nuts	M20	70	2.756	16	**027F2126**	-
PM 100	Steel	Class 8 .8 to ISO 898	Bolts + nuts	M20	75	2.953	16	**027F2127**	-

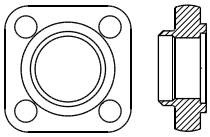
Data sheet – Spare parts and accessories

Flanges for ICV PM Valve housings

Tongue (oval):



Tongue (Square):



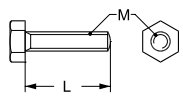
	For product	Connection size [in.]	Connection size [mm]	Material	Flange type	Design	Connection standard	Connection type	Shape	Code no.
	Flange version 3									
	ICV PM 25	1	25	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**192H3014**
	ICV PM 25	¾	20	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**192H3045**
	ICV PM 25	¾	20	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027N1220**
	ICV PM 25	1	25	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027N1225**
	ICV PM 25	1¼	32	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027N1230**
	ICV PM 25	¾	20	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	**027N3031**
	ICV PM 25	1	25	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	**027N3032**
	ICV PM 25	1¼	32	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	**027N3033**
	ICV PM 25	¾	20	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	**027N2001**
	ICV PM 25	1	25	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	**027N2002**
	ICV PM 25	¾	20	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	**027G1001**
	ICV PM 25	1	25	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	**027G1002**
	ICV PM 25	-	22	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	**027L1222**
	ICV PM 25	-	28	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	**027L1228**
	ICV PM 25	⅞	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	**027L1223**
	ICV PM 25	1⅛	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	**027L1229**
	Flange version 10									
	ICV PM 32	1½	40	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**192H3016**
	ICV PM 32	1¼	32	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2332**
	ICV PM 32	1½	40	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2340**
	ICV PM 32	1⅜	-	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	**027L2335**
	Flange version 11									
	ICV PM 40	2	50	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**192H3018**
	ICV PM 40	1½	40	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2440**
	ICV PM 40	2	50	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2450**
	ICV PM 40	1½	40	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Square	**027N2004**
	ICV PM 40	-	42	Steel	Set	Tongue/tongue	EN 1254	Soldering	Square	**027L2442**
	ICV PM 40	1⅝	-	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	**027L2441**
	Flange version 12									
	ICV PM 50	2	50	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2550**
	ICV PM 50	2½	65	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2565**
	ICV PM 50	2	50	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Square	**027N2005**
	ICV PM 50	2⅛	54	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	**027L2554**
	Flange version13									
	ICV PM 65	2½	65	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2665**
	ICV PM 65	3	80	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2680**
	ICV PM 65	-	76	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	**027L2666**
	ICV PM 65	2⅝	-	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	**027L2676**

Flange version 3, 10, 11, 12, 13: Each code no. includes two flanges.

Flange gaskets

For flange version	Gasket dimensions ID x OD x h [mm]	Gasket dimensions ID x OD x h [in.]	Multipack qty	Code no.
10	42.5 × 57.5 × 1.5	1.673 × 2.264 × 0.059	40	**027F2176**
11	51 × 65 × 1.5	2.008 × 2.559 × 0.059	40	**027F2177**
12	60.5 × 75.5 × 1.5	2.382 × 2.972 × 0.059	40	**027F2178**

Bolts and nuts for flange connections

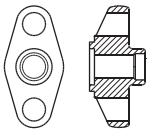


Type	Material	Material property class	Description	M [mm]	L [mm]	L [in.]	Qty	Code no. Bolts	Code no. Nuts
ICV PM 25	Stainless steel	Class A2/A4 to DIN 267	Bolts	M12	45	1.772	4	**027F2220**	-
ICV PM 32 / ICV PM 40	Stainless steel	Class A2/A4 to DIN 267	Bolts	M12	45	1.772	8	**027F2221**	-
ICV PM 50	Stainless steel	Class A2/A4 to DIN 267	Bolts + nuts	M14	65	2.559	8	**027F2222**	-
ICV PM 25-40	Steel	Class 8 .8 to ISO 898	Bolts	M12	45	1.772	4	**006-1141**	-
ICV PM 50	Steel	Class 8 .8 to ISO 898	Bolts	M14	65	2.559	4	**006-1142**	-
ICV PM 65	Steel	Class 8 .8 to ISO 898	Bolts	M14	70	2.756	4	**006-1143**	**006-1146**

Data sheet – Spare parts and accessories

Flanges for PMC Pilot operated servo valves

Tongue (oval):

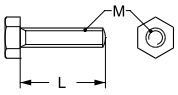


Flange version 3

For product	Connection size [in.]	Connection size [mm]	Material	Flange type	Design	Connection standard	Connection type	Shape	Code no.
PMC 5 / PMC 8 / PMC 12 / PMC 20	1	25	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**192H3014**
PMC 5 / PMC 8 / PMC 12 / PMC 20	¾	20	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**192H3045**
PMC 5 / PMC 8 / PMC 12 / PMC 20	¾	20	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027N1220**
PMC 5 / PMC 8 / PMC 12 / PMC 20	1	25	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027N1225**
PMC 5 / PMC 8 / PMC 12 / PMC 20	1¼	32	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027N1230**
PMC 5 / PMC 8 / PMC 12 / PMC 20	¾	20	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	**027N3031**
PMC 5 / PMC 8 / PMC 12 / PMC 20	1	25	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	**027N3032**
PMC 5 / PMC 8 / PMC 12 / PMC 20	1¼	32	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	**027N3033**
PMC 5 / PMC 8 / PMC 12 / PMC 20	¾	20	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	**027N2001**
PMC 5 / PMC 8 / PMC 12 / PMC 20	1	25	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	**027N2002**
PMC 5 / PMC 8 / PMC 12 / PMC 20	¾	20	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	**027G1001**
PMC 5 / PMC 8 / PMC 12 / PMC 20	1	25	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	**027G1002**
PMC 5 / PMC 8 / PMC 12 / PMC 20	-	22	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	**027L1222**
PMC 5 / PMC 8 / PMC 12 / PMC 20	-	28	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	**027L1228**
PMC 5 / PMC 8 / PMC 12 / PMC 20	⅞	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	**027L1223**
PMC 5 / PMC 8 / PMC 12 / PMC 20	1⅛	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	**027L1229**

Flange version 3: Each code no. includes two flanges.

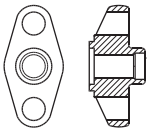
Bolts for flange connections



Type	Material	Material property class	M [mm]	L [mm]	L [in.]	Qty	Code no.
PMC 5 / PMC 8 / PMC 12 / PMC 20	Stainless steel	Class A2/A4 to DIN 267	M12	45	1.772	4	**027F2220**
PMC 5 / PMC 8 / PMC 12 / PMC 20	Steel	Class 8 .8 to ISO 898	M12	45	1.772	4	**006-1141**

Data sheet – Spare parts and accessories

Flanges for CVMD Pressure regulating valves

	For product	Connection size [in.]	Connection size [mm]	Material	Flange 'type	Design	Connection standard	Connection type	Shape	Code no.
Tongue (oval): 	**Flange version 1.3**									
	CVMD	¾	20	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**192H3254**

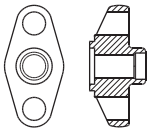
Flange version 1.3: Each code no. includes two flanges.

Flange gaskets

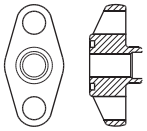
For flange version	Gasket dimensions ID x OD x h [mm]	Gasket dimensions ID x OD x h [in.]	Multipack qty	Code no.
1.3	22 × 32 × 1.0	0.866 × 1.260 × 0.039	40	**020-2133**

Flanges for FA Strainers

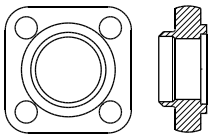
Tongue (oval):



Groove (oval):



Tongue (Square):



For product	Connection size [in.]	Connection size [mm]	Material	Flange type	Design	Connection standard	Connection type	Shape	Code no.
Flange version 1.1									
FA 15	3/8	10	Steel	Set	Groove	EN 10220	Butt welding	Oval	**006-1111**
FA 15	1/2	15	Steel	Set	Groove	EN 10220	Butt welding	Oval	**006-1112**
FA 15	3/4	20	Steel	Set	Groove	EN 10220	Butt welding	Oval	**006-1113**
FA 15	1/2	15	Brass	Set	Groove	ASME B 16.22	Soldering	Oval	**006-1150**
FA 15	5/8	16	Brass	Set	Groove	ASME B 16.22	Soldering	Oval	**006-1151**
FA 15	7/8	22	Brass	Set	Groove	ASME B 16.22	Soldering	Oval	**006-1153**
FA 15	1	25	Brass	Set	Groove	ASME B 16.22	Soldering	Oval	**006-1158**
Flange version 1.3									
FA 20	3/4	20	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**192H3254**
Flange version 2.1									
FA 20	1/2	15	Steel	Set	Tongue/Groove	EN 10220	Butt welding	Oval	**006-1114**
FA 20	3/4	20	Steel	Set	Tongue/Groove	EN 10220	Butt welding	Oval	**006-1115**
FA 20	1	25	Steel	Set	Tongue/Groove	EN 10220	Butt welding	Oval	**006-1116**
Flange version 2.3									
FA 20	-	22	Brass	Set	Tongue/Groove	EN 1254	Soldering	Oval	**006-1180**
FA 20	1 1/8	-	Brass	Set	Tongue/Groove	ASME B 16.22	Soldering	Oval	**006-1157**
Flange version 3									
FA 20	3/4	20	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**192H3045**
FA 20	1	25	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**192H3014**
FA 20	3/4	20	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027N1220**
FA 20	1	25	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027N1225**
FA 20	1 1/4	32	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027N1230**
FA 20	3/4	20	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	**027N3031**
FA 20	1	25	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	**027N3032**
FA 20	1 1/4	32	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	**027N3033**
FA 20	3/4	20	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	**027N2001**
FA 20	1	25	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	**027N2002**
FA 20	3/4	20	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	**027G1001**
FA 20	-	22	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	**027L1222**
FA 20	-	28	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	**027L1228**
FA 20	7/8	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	**027L1223**
FA 20	1 1/8	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	**027L1229**
Flange version 5									
FA 20	1	25	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**006-1117**
FA 25	1 1/4	32	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N1032**
FA 25	1 1/8	-	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**006-1159**

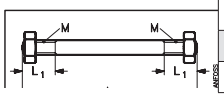
Flange version 1.1: Each code no. includes two flanges, two flange gaskets, two staybolts (M12 × 127 mm), and four nuts (M12).
Flange version 1.3: Each code no. includes two flanges.
Flange version 2.1: Each code no. includes two flanges, two flange gaskets, two staybolts, and four nuts.
Flange version 2.3: Each code no. includes two flanges.
Flange version 3: Each code no. includes two flanges.
Flange version 5: Each code no. includes two flanges

Flange gaskets

For flange version	Gasket dimensions ID x OD x h [mm]	Gasket dimensions ID x OD x h [in.]	Multipack qty	Code no.
1.1 + 1.3	22 × 32 × 1.0	0.866 × 1.260 × 0.039	40	**020-2133**
5	45.5 × 59.5 × 1.5	1.791 × 2.342 × 0.059	40	**026H0050**

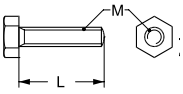
Flanges for FA Strainers (continued)

Set of staybolts and gaskets for flanges



Set of staybolts and gaskets for	Material	Thread [M]	L_1 [mm]	L_1 [in.]	L [mm]	L [in.]	Staybolts qty	Nuts qty	Gaskets qty	Code no.
FA 15	Steel	M12	19	0.748	107	4.212	2	4	3	**006-1101**
FA 15 / FA 20	Steel	M12	19	0.748	127	5.000	2	4	3	**006-1108**
FA 20	Steel	M12	22	0.866	160	6.299	2	4	3	**006-1136**

Bolts for flange connections

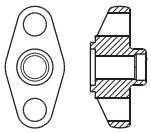


Type	Material	Material property class	M [mm]	L [mm]	L [in.]	Qty	Code no.
FA 25	Steel	Class 8 .8 to ISO 898	M12	35	1.378	4	**006-1139**

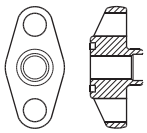
Data sheet – Spare parts and accessories

Flanges for NRVA Check valves

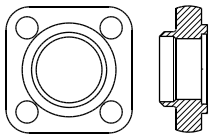
Tongue (oval):



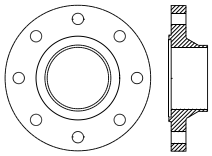
Groove (oval):



Tongue (Square):



Tongue (Round):



For product	Connection size [in.]	Connection size [mm]	Material	Flange type	Design	Connection standard	Connection type	Shape	Code no.
Flange version 1									
NRVA 15 / NRVA 20	¼	6	Steel	Single	Tongue	EN 10220	Butt welding	Oval	**006-1118**
NRVA 15 / NRVA 20	¼	6	Steel	Single	Groove	EN 10220	Butt welding	Oval	**006-1119**
NRVA 15 / NRVA 20	⅜	10	Steel	Single	Tongue	EN 10220	Butt welding	Oval	**006-1120**
NRVA 15 / NRVA 20	⅜	10	Steel	Single	Groove	EN 10220	Butt welding	Oval	**006-1121**
NRVA 15 / NRVA 20	½	15	Steel	Single	Tongue	EN 10220	Butt welding	Oval	**006-1122**
NRVA 15 / NRVA 20	½	15	Steel	Single	Groove	EN 10220	Butt welding	Oval	**006-1123**
NRVA 15 / NRVA 20	¾	20	Steel	Single	Tongue	EN 10220	Butt welding	Oval	**006-1124**
NRVA 15 / NRVA 20	¾	20	Steel	Single	Groove	EN 10220	Butt welding	Oval	**006-1125**
NRVA 15 / NRVA 20	½	-	Brass	Single	Tongue	ASME B 16.22	Soldering	Oval	**006-1160**
NRVA 15 / NRVA 20	½	-	Brass	Single	Groove	ASME B 16.22	Soldering	Oval	**006-1161**
NRVA 15 / NRVA 20	⅝	-	Brass	Single	Tongue	ASME B 16.22	Soldering	Oval	**006-1162**
NRVA 15 / NRVA 20	⅝	-	Brass	Single	Groove	ASME B 16.22	Soldering	Oval	**006-1163**
NRVA 15 / NRVA 20	⅞	-	Brass	Single	Tongue	ASME B 16.22	Soldering	Oval	**006-1176**
NRVA 15 / NRVA 20	⅞	-	Brass	Single	Groove	ASME B 16.22	Soldering	Oval	**006-1177**
NRVA 15 / NRVA 20	1	-	Brass	Single	Tongue	ASME B 16.22	Soldering	Oval	**006-1166**
Flange version 1.2									
NRVA 15 / NRVA 20	-	15 x 15	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027B0181**
NRVA 15 / NRVA 20	⅝ x ⅞	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	**006-1195**
Flange version 1.3									
NRVA 15 / NRVA 20	¾	20	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**192H3254**
NRVA 15 / NRVA 20	⅜	10	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027N1112**
NRVA 15 / NRVA 20	½	15	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027N1115**
NRVA 15 / NRVA 20	¾	20	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027N1120**
NRVA 15 / NRVA 20	⅜	10	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	**027N2020**
NRVA 15 / NRVA 20	½	15	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	**027N2021**
NRVA 15 / NRVA 20	¾	20	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	**027N2022**
NRVA 15 / NRVA 20	⅜	10	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	**027N2010**
NRVA 15 / NRVA 20	½	15	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	**027N2011**
NRVA 15 / NRVA 20	⅜	10	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	**027G1005**
NRVA 15 / NRVA 20	½	15	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	**027G1006**
NRVA 15 / NRVA 20	-	16	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	**027L1116**
NRVA 15 / NRVA 20	-	22	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	**027L1122**
NRVA 15 / NRVA 20	⅝	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	**027L1117**
NRVA 15 / NRVA 20	⅞	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	**027L1123**
Flange version 4									
NRVA 25 / NRVA 32	1	25	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N1026**
NRVA 25 / NRVA 32	1¼	32	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N1033**
NRVA 25 / NRVA 32	1	25	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Square	**027N2023**
NRVA 25 / NRVA 32	1¼	32	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Square	**027N2024**
NRVA 25 / NRVA 32	¾	20	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Square	**027N2012**
NRVA 25 / NRVA 32	1	25	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Square	**027N2013**
NRVA 25 / NRVA 32	1¼	32	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Square	**027N2016**
NRVA 25 / NRVA 32	¾	20	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Square	**027G1007**
Flange version 6									
NRVA 40 / NRVA 50	1½	40	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N1042**
NRVA 40 / NRVA 50	2	50	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N1051**
NRVA 40 / NRVA 50	1½	40	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Square	**027N2025**
NRVA 40 / NRVA 50	2	50	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Square	**027N2026**
NRVA 40 / NRVA 50	2⅛	54	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	**027L2554**
Flange version 8									
NRVA 65	2½	65	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Round	**027N1055**
NRVA 65	2½	65	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Round	**027N2027**

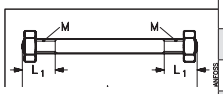
Flange version 1: Each code no. includes one flange and one flange gasket.
Flange version 1.2: Each code no. includes two flanges, two flange gaskets, two staybolts (M12 × 135 mm / M12 × 127 mm) and four nuts (M12).
Flange version 1.3: Each code no. includes two flanges.
Flange version 4: Each code no. includes two flanges.
Flange version 6: Each code no. includes two flanges.
Flange version 8: Each code no. includes two flanges.

Flanges for NRVA Check valves (continued)

Flange gaskets

For flange version	Gasket dimensions ID x OD x h [mm]	Gasket dimensions ID x OD x h [in.]	Multipack qty	Code no.
1 + 1.2 + 1.3	22 × 32 × 1.0	0.866 × 1.260 × 0.039	40	**020-2133**
4	42.5 × 57.5 × 1.5	1.673 × 2.264 × 0.059	40	**027F2176**
6	60.5 × 75.5 × 1.5	2.382 × 2.972 × 0.059	40	**027F2178**
8	94 × 110 × 2	3.701 × 4.331 × 0.079	40	**020-2136**

Set of staybolts and gaskets for flanges

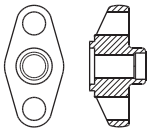


Set of staybolts and gaskets for	Material	Thread [M]	L_1 [mm]	L_1 [in.]	L [mm]	L [in.]	Staybolts qty	Nuts qty	Gaskets qty	Code no.
NRVA 15 / NRVA 20	Steel	M 12	19	0.748	115	4.527	2	4	3	**006-1107**
NRVA 25 / NRVA 32	Steel	M 12	12	0.472	148	5.827	4	8	2	**006-1135**
NRVA 40 / NRVA 50	Steel	M 12	22	0.866	167	6.575	4	8	2	**006-1137**
NRVA 65	Steel	M 16	25	0.984	200	7.874	8	16	2	**006-1138**

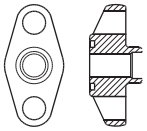
Data sheet – Spare parts and accessories

Flanges for NRVS Check valves

Tongue (oval):



Groove (oval):



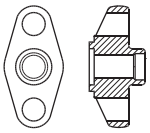
For product	Connection size [in.]	Connection size [mm]	Material	Flange type	Design	Connection standard	Connection type	Shape	Code no.
Standard + Special flange [1])									
NRVS 15	¾	20	Steel	Set	Groove/Tongue	EN 10220	Butt welding	Oval	**027N1255**
NRVS 25	1	25	Steel	Set	Groove/Tongue	EN 10220	Butt welding	Oval	**027N1254**
Standard + Special flange [2])									
NRVS 15	¾	20	Steel	Set	Groove/Groove	EN 10220	Butt welding	Oval	**027N1256**
NRVS 25	1	25	Steel	Set	Groove/Groove	EN 10220	Butt welding	Oval	**027N1257**

[1]) Each code no. includes one standard flange and one special flange, one gasket and 2 bolts.
[2]) Each code no. includes One standard flange and one special flange, two gasket, 2 bolts and 2 nuts.

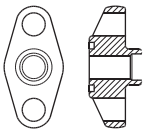
Data sheet – Spare parts and accessories

Flanges for PMFL Liquid level regulating valves

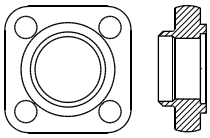
Tongue (oval):



Groove (oval):



Tongue (Square):



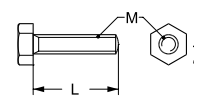
For product	Connection size [in.]	Connection size [mm]	Material	Flange type	Design	Connection standard	Connection type	Shape	Code no.
Flange version 3									
PMFL 80	1	25	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**192H3014**
PMFL 80	¾	20	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**192H3045**
PMFL 80	¾	20	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027N1220**
PMFL 80	1	25	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027N1225**
PMFL 80	1¼	32	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027N1230**
PMFL 80	¾	20	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	**027N3031**
PMFL 80	1	25	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	**027N3032**
PMFL 80	1¼	32	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	**027N3033**
PMFL 80	¾	20	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	**027N2001**
PMFL 80	1	25	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	**027N2002**
PMFL 80	¾	20	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	**027G1001**
PMFL 80	1	25	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	**027G1002**
PMFL 80	-	22	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	**027L1222**
PMFL 80	-	28	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	**027L1228**
PMFL 80	⅞	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	**027L1223**
PMFL 80	1⅛	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	**027L1229**
Flange version 10									
PMFL 125	1½	40	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**192H3016**
PMFL 125	1¼	32	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2332**
PMFL 125	1½	40	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2340**
PMFL 125	1⅜	-	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	**027L2335**
Flange version 11									
PMFL 200	2	50	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**192H3018**
PMFL 200	1½	40	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2440**
PMFL 200	2	50	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2450**
PMFL 200	1½	40	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Square	**027N2004**
PMFL 200	-	42	Steel	Set	Tongue/tongue	EN 1254	Soldering	Square	**027L2442**
PMFL 200	1⅝	-	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	**027L2441**
Flange version 12									
PMFL 300	2	50	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2550**
PMFL 300	2½	65	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2565**
PMFL 300	2	50	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Square	**027N2005**
PMFL 300	2⅛	54	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	**027L2554**

Flange version 3, 10, 11, 12: Each code no. includes two flanges.

Flange gaskets

For flange version	Gasket dimensions ID x OD x h [mm]	Gasket dimensions ID x OD x h [in.]	Multipack qty	Code no.
10	42.5 × 57.5 × 1.5	1.673 × 2.264 × 0.059	40	**027F2176**
11	51 × 65 × 1.5	2.008 × 2.559 × 0.059	40	**027F2177**
12	60.5 × 75.5 × 1.5	2.382 × 2.972 × 0.059	40	**027F2178**

Bolts and nuts for flange connections

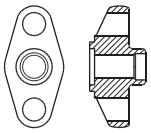


Type	Material	Material property class	Description	M [mm]	L [mm]	L [in.]	Qty	Code no. Bolts	Code no. Nuts
PMFL 80	Stainless steel	Class A2/A4 to DIN 267	Bolts	M12	45	1.772	4	**027F2220**	-
PMFL 125	Stainless steel	Class A2/A4 to DIN 267	Bolts	M12	45	1.772	8	**027F2221**	-
PMFL 300	Stainless steel	Class A2/A4 to DIN 267	Bolts + nuts	M14	65	2.559	8	**027F2222**	-
PMFL 80 / PMFL 125 / PMFL 200	Steel	Class 8 .8 to ISO 898	Bolts	M12	45	1.772	4	**006-1141**	
PMFL 300	Steel	Class 8 .8 to ISO 898	Bolts	M14	65	2.559	4	**006-1142**	**006-1146**

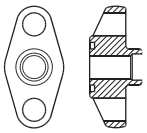
Data sheet – Spare parts and accessories

Flanges for PMFH Liquid level regulating valves

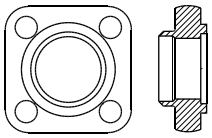
Tongue (oval):



Groove (oval):



Tongue (Square):



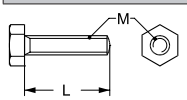
	For product	Connection size [in.]	Connection size [mm]	Material	Flange type	Design	Connection standard	Connection type	Shape	Code no.
Flange version 3										
	PMFH 80	1	25	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**192H3014**
	PMFH 80	¾	20	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**192H3045**
	PMFH 80	¾	20	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027N1220**
	PMFH 80	1	25	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027N1225**
	PMFH 80	1¼	32	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	**027N1230**
	PMFH 80	¾	20	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	**027N3031**
	PMFH 80	1	25	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	**027N3032**
	PMFH 80	1¼	32	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	**027N3033**
	PMFH 80	¾	20	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	**027N2001**
	PMFH 80	1	25	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	**027N2002**
	PMFH 80	¾	20	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	**027G1001**
	PMFH 80	1	25	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	**027G1002**
	PMFH 80	-	22	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	**027L1222**
	PMFH 80	-	28	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	**027L1228**
	PMFH 80	⅞	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	**027L1223**
	PMFH 80	1⅛	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	**027L1229**
Flange version 10										
	PMFH 125	1½	40	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**192H3016**
	PMFH 125	1¼	32	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2332**
	PMFH 125	1½	40	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2340**
	PMFH 125	1⅜	-	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	**027L2335**
Flange version 11										
	PMFH 200	2	50	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**192H3018**
	PMFH 200	1½	40	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2440**
	PMFH 200	2	50	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2450**
	PMFH 200	1½	40	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Square	**027N2004**
	PMFH 200	-	42	Steel	Set	Tongue/tongue	EN 1254	Soldering	Square	**027L2442**
	PMFH 200	1⅝	-	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	**027L2441**
Flange version 12										
	PMFH 300	2	50	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2550**
	PMFH 300	2½	65	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2565**
	PMFH 300	2	50	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Square	**027N2005**
	PMFH 300	2⅛	54	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	**027L2554**
Flange version13										
	PMFH 500	2½	65	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2665**
	PMFH 500	3	80	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	**027N2680**
	PMFH 500	-	76	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	**027L2666**
	PMFH 500	2⅝	-	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	**027L2676**

Flange version 3, 10, 11, 12, 13: Each code no. includes two flanges.

Flange gaskets

For flange version	Gasket dimensions ID x OD x h [mm]	Gasket dimensions ID x OD x h [in.]	Multipack qty	Code no.
10	42.5 × 57.5 × 1.5	1.673 × 2.264 × 0.059	40	**027F2176**
11	51 × 65 × 1.5	2.008 × 2.559 × 0.059	40	**027F2177**
12	60.5 × 75.5 × 1.5	2.382 × 2.972 × 0.059	40	**027F2178**

Bolts and nuts for flange connections

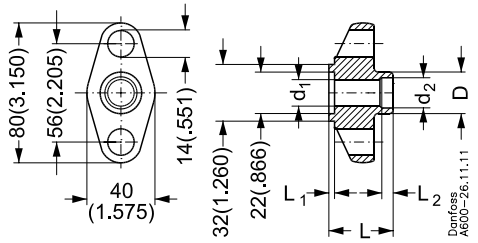


	Type	Material	Material property class	Description	M [mm]	L [mm]	L [in.]	Qty	Code no. Bolts	Code no. Nuts
	PMFH 80	Stainless steel	Class A2/A4 to DIN 267	Bolts	M12	45	1.772	4	**027F2220**	-
	PMFH 125 / PMFH 200	Stainless steel	Class A2/A4 to DIN 267	Bolts	M12	45	1.772	8	**027F2221**	-
	PMFH 300	Stainless steel	Class A2/A4 to DIN 267	Bolts + nuts	M14	65	2.559	8	**027F2222**	-
	PMFH 80 / PMFH 125 / PMFH 200	Steel	Class 8 .8 to ISO 898	Bolts	M12	45	1.772	4	**006-1141**	-
	PMFH 300	Steel	Class 8 .8 to ISO 898	Bolts	M14	65	2.559	4	**006-1142**	**006-1146**
	PMFH 500	Steel	Class 8 .8 to ISO 898	Bolts	M14	70	2.756	4	**006-1143**	**006-1146**

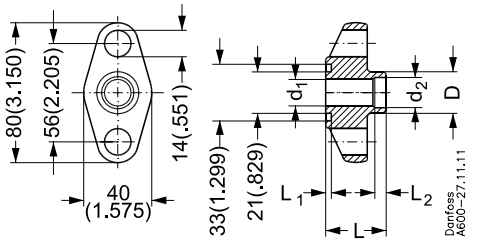
Data sheet – Spare parts and accessories

Flange version 1 (1, 1.1, 1.2, 1.3)

Tongue flange:



Groove flange:



Butt welding EN 10220

Tongue flanges:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_1 [mm]	L_1 [in.]	L_2 [mm]	L_2 [in.]
6	¼	14	0.551	8	0.315	10	0.394	32.5	1.279	3	0.118	6	0.236
10	⅜	18	0.709	10	0.394	14	0.551	32.5	1.279	3	0.118	6	0.236
15	½	22	0.866	14	0.551	17	0.669	32.5	1.279	3	0.118	6	0.236
20	¾	27	1.063	19	0.748	22	0.866	32.5	1.279	3	0.118	6	0.236

Butt welding EN 10220

Groove flanges:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_1 [mm]	L_1 [in.]	L_2 [mm]	L_2 [in.]
6	¼	14	0.551	8	0.315	10	0.394	32.5	1.279	2	0.079	6	0.236
10	⅜	18	0.709	10	0.394	14	0.551	32.5	1.279	2	0.079	6	0.236
15	½	22	0.866	14	0.551	17	0.669	32.5	1.279	2	0.079	6	0.236
20	¾	27	1.063	19	0.748	22	0.866	32.5	1.279	2	0.079	6	0.236

Soldering ASME B 16.22

Tongue flanges:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_1 [mm]	L_1 [in.]	L_2 [mm]	L_2 [in.]
-	½	17	0.669	10	0.394	12.7	0.500	29.5	1.161	3	0.118	17.5	0.689
-	⅝	21	0.827	13	0.512	15.9	0.626	29.5	1.161	3	0.118	20.5	0.807
-	⅞	27	1.063	19	0.748	22.2	0.874	29.5	1.161	3	0.118	22	0.866
-	1	30	1.181	18	0.709	25.5	1.004	29.5	1.161	3	0.118	22	0.866

Soldering ASME B 16.22

Groove flanges:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_1 [mm]	L_1 [in.]	L_2 [mm]	L_2 [in.]
-	½	17	0.669	10	0.394	12.7	0.500	26.5	1.043	3	0.118	17.5	0.689
-	⅝	21	0.827	13	0.512	15.9	0.626	26.5	1.043	3	0.118	20.5	0.807
-	⅞	27	1.063	18	0.709	22.2	0.874	26.5	1.043	3	0.118	22	0.866

Butt welding ASME B 36.10M

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_1 [mm]	L_1 [in.]	L_2 [mm]	L_2 [in.]
10	⅜	17.1	0.673	10.7	0.421	10.7	0.421	32.5	1.280	3	0.118	6	0.236
15	½	21.3	0.839	13.9	0.547	13.9	0.547	32.5	1.280	3	0.118	6	0.236
20	¾	26.9	1.059	18.9	0.744	18.9	0.744	32.5	1.280	3	0.118	6	0.236

Socket welding ASME B 16.11

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_1 [mm]	L_1 [in.]	L_2 [mm]	L_2 [in.]
10	⅜	26	1.024	12.5	0.492	17.8	0.701	32.5	1.280	3	0.118	10	0.394
15	½	31.6	1.244	15.8	0.622	22	0.866	32.5	1.280	3	0.118	10	0.394

Flange version 1 (1.1, 1.2, 1.3) - continued

FPT inside thread, NPT (ANSI/ASME B 1.20.1)

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_1 [mm]	L_1 [in.]
10	3/8	26	1.024	14.3	0.563	**3/8** in.-18 NPT	**3/8** in.-18 NPT	32.5	1.477	3	0.118
15	½	31.6	1.244	17.8	0.701	½ in.-14 NPT	½ in.-14 NPT	32.5	1.280	3	0.118

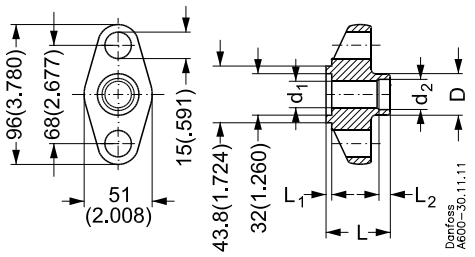
Soldering EN 1254

Tongue flange sets:

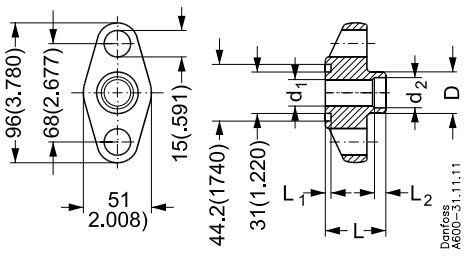
Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_1 [mm]	L_1 [in.]	L_2 [mm]	L_2 [in.]
16	-	21	0.827	13	0.512	16	0.630	29.5	2.122	3	0.118	15	0.591
22	-	27	1.063	19	0.748	22.1	0.869	29.5	1.161	3	0.118	22	0.866

Flange version 2 (2.1)

Tongue flange



Groove flange



Butt welding EN 10220
Tongue flanges:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_1 [mm]	L_1 [in.]	L_2 [mm]	L_2 [in.]
15	½	22	0.866	14	0.551	17	0.669	35	1.378	3	0.118	6	0.236
20	¾	27	1.063	19	0.748	22	0.866	35	1.378	3	0.118	6	0.236
25	1	34	1.338	26	1.024	18	1.102	37.5	1.476	3	0.118	6	0.236

Butt welding EN 10220
Groove flanges:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_1 [mm]	L_1 [in.]	L_2 [mm]	L_2 [in.]
15	½	22	0.866	14	0.551	17	0.669	34.5	1.358	3	0.118	6	0.236
20	¾	27	1.063	19	0.748	22	0.866	34.5	1.358	3	0.118	6	0.236
25	1	34	1.338	26	1.024	18	1.102	34.5	1.358	3	0.118	6	0.236

Soldering EN 1254
Tongue/groove flanges:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_1 [mm]	L_1 [in.]	L_2 [mm]	L_2 [in.]
22	-	27	1.063	19	0.748	22	0.866	30	1.181	3	0.118	22	0.866
22	-	27	1.063	19	0.748	22	0.866	30	1.181	3	0.118	22	0.866

Soldering ASME B 16.22
Tongue flanges:

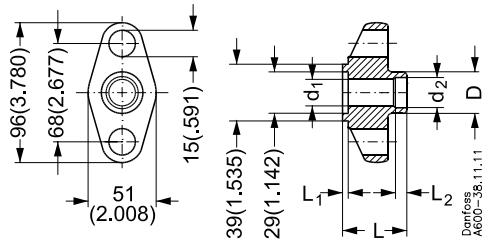
Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_1 [mm]	L_1 [in.]	L_2 [mm]	L_2 [in.]
-	1⅛	34	1.338	26	1.024	28.6	1.126	33	1.299	3	0.118	26	1.024

Soldering ASME B 16.22
Groove flanges:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_1 [mm]	L_1 [in.]	L_2 [mm]	L_2 [in.]
-	1⅛	34	1.338	26	1.024	28.6	1.126	30	1.181	3	0.118	26	1.024

Flange version 3

Tongue flange



Butt welding EN 10220

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_1 [mm]	L_1 [in.]	L_2 [mm]	L_2 [in.]
20	¾	27	1.063	19	0.748	22	0.866	35	1.378	3	0.118	6	0.236
25	1	34	1.339	26	1.024	28	1.102	37.5	1.476	3	0.118	6	0.236
32	1¼	43	1.693	26	1.024	37	1.457	37.5	1.476	3	0.118	6	0.236

Butt welding ANSI (B 36.10)

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_1 [mm]	L_1 [in.]	L_2 [mm]	L_2 [in.]
20	¾	26.9	1.059	18.9	0.744	18.9	0.744	33	1.299	3	0.118	6	0.236
25	1	33.7	1.327	24.5	0.965	24.5	0.965	37.5	1.476	3	0.118	6	0.236
32	1¼	42.4	1.669	26	1.024	32.6	1.283	37.5	1.476	3	0.118	6	0.236

Socket welding ASME B 16.11

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_1 [mm]	L_1 [in.]	L_2 [mm]	L_2 [in.]
20	¾	37.4	1.472	21	0.827	27.4	1.079	33	1.299	3	0.118	13	0.512
25	1	45.6	1.795	26.6	1.047	34.1	1.343	33	1.299	3	0.118	13	0.512

FPT inside thread, NPT, ANSI/ASME (B 1.20.1)

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_1 [mm]	L_1 [in.]
20	¾	37.4	1.472	23	0.906	¾ in.-14 NPT	¾ in.-14 NPT	33	1.299	3	0.118
25	1	45.6	1.795	29	1.142	1 in.-11.5 NPT	1 in.-11.5 NPT	33	1.299	3	0.118

Soldering EN 1254

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_1 [mm]	L_1 [in.]	L_2 [mm]	L_2 [in.]
22	-	34	1.338	19	0.748	22	0.866	32	1.260	4	0.157	16.5	0.650
28	-	34	1.338	26	1.024	28	1.102	34	1.338	4	0.157	26	1.024

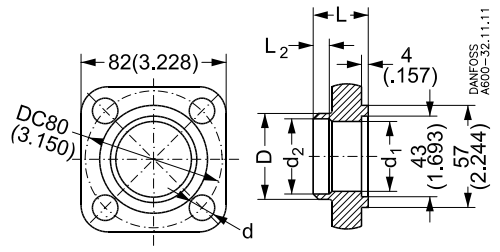
Soldering ASME B 16.22

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_1 [mm]	L_1 [in.]	L_2 [mm]	L_2 [in.]
-	⅞	34	1.338	19	0.748	22.2	0.874	32	1.260	4	0.157	16.5	0.650
-	1⅛	34	1.338	26	1.024	28.6	1.126	34	1.338	4	0.157	26	1.024

Flange version 4

Tongue flange



Butt welding EN 10220

Tongue flange set:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_2 [mm]	L_2 [in.]	d [mm]	d [in.]
25	1	34	1.338	26	1.024	28	1.102	32	1.260	6	0.236	15	0.590
32	1¼	43	1.693	35	1.378	37.5	1.476	32	1.260	6	0.236	15	0.590

Butt welding ANSI (B 36.10)

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_2 [mm]	L_2 [in.]	d [mm]	d [in.]
25	1	33.7	1.327	24.5	0.965	24.5	0.965	32	1.260	10	0.394	15	0.591
32	1¼	42.4	1.669	32.6	1.2834	32.6	1.283	32	1.260	10	0.394	15	0.591

Socket welding ASME B 16.11

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_2 [mm]	L_2 [in.]	d [mm]	d [in.]
20	¾	37.4	1.472	21	0.827	27.4	1.079	32	1.260	10	0.394	15	0.591
25	1	45.7	1.799	26.6	1.047	34.1	1.343	32	1.260	10	0.394	15	0.591
32	1¼	55.3	2.177	35	1.378	42.9	1.689	39	1.535	15	0.591	15	0.591

FPT inside thread, NPT, ANSI/ASME (B 1.20.1)

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_2 [mm]	L_2 [in.]
20	¾	37.4	1.472	23	0.905	¾ in.-14 NPT	¾ in.-14 NPT	32	1.260	10	0.394
25	1	45.6	1.795	29	1.142	1 in.-11.5 NPT	1 in.-11.5 NPT	32	1.260	10	0.394

Soldering DIN (2856)

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_2 [mm]	L_2 [in.]	d [mm]	d [in.]
35	-	47	1.850	32	1.260	35	1.378	36.5	1.437	25	0.984	14	0.551

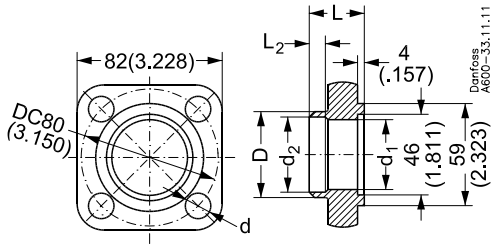
Soldering ASME B 16.22

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_2 [mm]	L_2 [in.]	d [mm]	d [in.]
-	1⅜	47	1.850	32	1.260	35	1.378	36.5	1.437	25	0.984	14	0.551

Flange version 5

Tongue flange



Butt welding EN 10220

Tongue flange set:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.].	L_2 [mm]	L_2 [in.]	d [mm]	d [in.]
25	1	34	1.338	26	1.024	28	1.102	32	1.260	6	0.260	15	0.591
32	1¼	43	1.693	35	1.378	37.5	1.476	32	1.260	6	0.260	15	0.591
40	1½	49	1.929	40	1.575	43	1.693	32	1.260	7	0.275	15	0.591

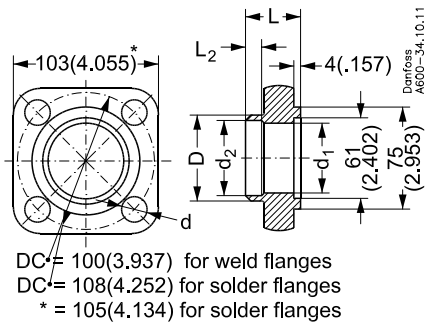
Butt welding EN 10220

Tongue/tongue flange set:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.].	L_2 [mm]	L_2 [in.]	d [mm]	d [in.]
-	1⅛	37	1.457	26	1.024	28.6	1.126	32	1.260	28	1.102	15	0.591
-	1⅝	52	2.047	38	1.496	41.3	1.626	32	1.260	10	0.394	15	0.591

Flange version 6

Tongue flange



Butt welding EN 10220

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.].	L_2 [mm]	L_2 [in.]	d [mm]	d [in.]
40	1½	49	1.929	40	1.575	43	1.693	39	1.535	7	0.275	15	0.591
50	2	60.5	2.382	52	2.047	54	2.126	39	1.535	8	0.315	15	0.591

Butt welding ANSI (B 36.10)

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.].		d [mm]	d [in.]
40	1½	48.3	1.902	38.1	1.500	38.1	1.500	39	1.535		15	0.591
50	2	60.3	2.374	52.5	2.067	52.5	2.067	39	1.535		15	0.591

Socket welding ASME B 16.11

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.].	L_2 [mm]	L_2 [in.]	d [mm]	d [in.]
40	1½	61.9	2.437	40.8	1.606	49	1.929	39	1.535	13	0.512	15	0.591

Soldering DIN (2856)

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.].	L_2 [mm]	L_2 [in.]	d [mm]	d [in.]
54	-	64	2.520	50	1.969	54	2.130	45.5	1.791	33	1.299	16	0.630

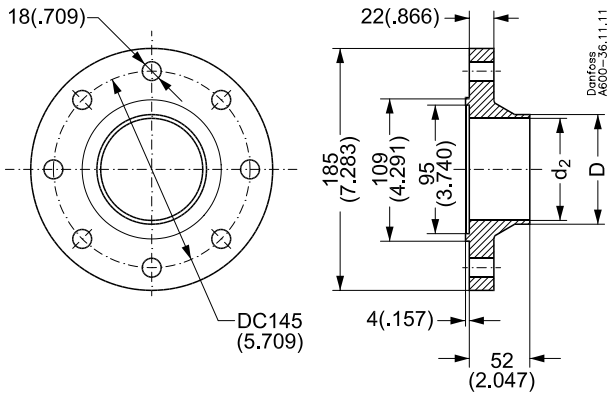
Soldering ASME B 16.22

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.].	L_2 [mm]	L_2 [in.]	d [mm]	d [in.]
-	2⅛	64	2.520	50	1.969	54	2.130	45.5	1.791	33	1.299	16	0.630

Flange version 8

Tongue flange



Butt welding EN 10220

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_2 [mm]	d_2 [in.]	
65	2½	76	2.992	70.3	2.768	

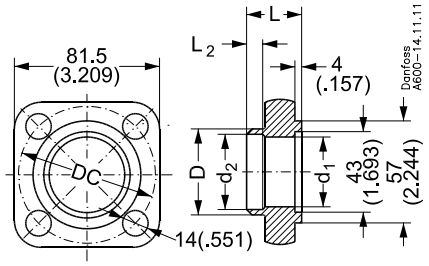
Butt welding ANSI (B 36.10)

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_2 [mm]	d_2 [in.]	
65	2½	73	2.874	62.5	2.461	

Flange version 10

Tongue flange



Butt welding EN 10220

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_2 [mm]	L_2 [in.]	DC [mm]	DC [in.]
32	1¼	43	1.693	37	1.457	37	1.457	36.5	1.437	15	0.590	80	3.150
40	1½	49	1.929	38	1.496	43	1.693	36.5	1.437	15	0.590	80	3.150

Butt welding ASME B 16.22

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]		DC [mm]	DC [in.]
32	1¼	42.4	1.669	32.6	1.283	32.6	1.283	36.5	1.437		80	3.150
40	1½	48.3	1.902	38.1	1.500	38.1	1.500	36.5	1.437		80	3.150

Socket welding ASME B 16.11

Tongue flanges:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_2 [mm]	L_2 [in.]	DC [mm]	DC [in.]
32	1¼	52	2.047	35	1.378	42.9	1.689	36.5	1.437	13	1.512	80	3.150

Soldering DIN (2856)

Tongue flanges:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_2 [mm]	L_2 [in.]	DC [mm]	DC [in.]
35	-	47	1.850	32	1.260	45	1.378	36.5	1.437	25	0.984	14	0.551

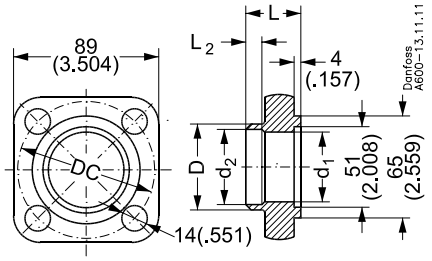
Soldering ASME B 16.22

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_2 [mm]	L_2 [in.]	DC [mm]	DC [in.]
-	1⅜	47	1.850	32	1.260	45	1.378	36.5	1.437	25	0.984	14	0.551

Flange version 11

Tongue flange



Butt welding EN 10220

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_2 [mm]	L_2 [in.]	DC [mm]	DC [in.]
40	1½	49	1.929	43	1.693	43	1.693	43.5	1.712	15	0.590	90	3.543
50	2	60.5	2.382	49	1.929	54	2.126	43.5	1.712	15	0.590	90	3.543

Butt welding ANSI (B 36.10)

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]		DC [mm]	DC [in.]
40	1½	48.2	1.898	38.1	1.500	38.1	1.500	43.5	1.713		90	3.543
50	2	60.3	2.374	49	1.929	49	1.929	43.5	1.713		90	3.543

Butt welding ASME B 16.11

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_2 [mm]	L_2 [in.]	DC [mm]	DC [in.]
40	1½	61.9	2.437	40.8	1.606	48.9	1.925	43.5	1.713	13	0.512	90	3.543

Soldering din (2856)

Tongue flange set:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_2 [mm]	L_2 [in.]	DC [mm]	DC [in.]
42	-	54	2.126	38	1.496	41	1.614	43.5	1.712	28	1.102	90	3.543

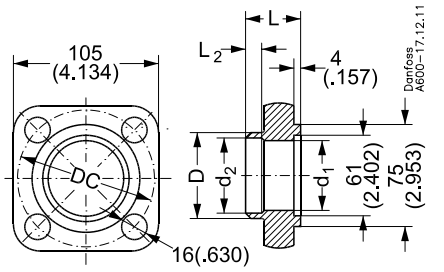
Soldering ASME B 16.22

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_2 [mm]	L_2 [in.]	DC [mm]	DC [in.]
-	1⅝	54	2.126	38	1.496	41	1.614	43.5	1.712	28	1.102	90	3.543

Flange version 12

Tongue flange



Butt welding EN 10220

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_2 [mm]	L_2 [in.]	DC [mm]	DC [in.]
50	2	60.5	2.382	54	2.126	54	2.126	45.5	1.791	21	0.827	108	4.252
65	2½	76.5	3.012	59	2.323	70	2.756	45.5	1.791	21	0.827	108	4.252

Butt welding ANSI (B 36.10)

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_2 [mm]	L_2 [in.]	DC [mm]	DC [in.]
50	2	60.3	2.374	52.5	2.067	52.5	2.067	45.5	1.791			108	4.252
65	2½	73	2.874	59	2.323	62.5	2.461	45.5	1.791	6	0.236	108	4.252

Socket welding ASME B 16.11

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_2 [mm]	L_2 [in.]	DC [mm]	DC [in.]
50	2	75.5	2.972	61	2.402	61.4	2.417	45.5	1.791	17	0.669	108	4.252

Soldering DIN (2856)

Tongue flange set:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_2 [mm]	L_2 [in.]	DC [mm]	DC [in.]
54	-	65	2.559	50	1.969	54.1	2.130	45.5	1.791	33	1.299	108	4.252

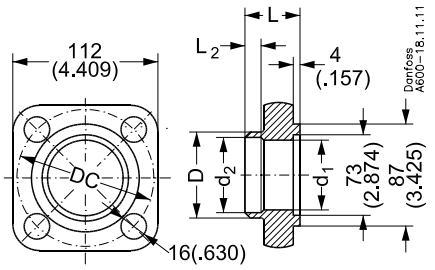
Soldering ASME B 16.22

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_2 [mm]	L_2 [in.]	DC [mm]	DC [in.]
-	2⅛	65	2.559	50	1.969	54.1	2.130	45.5	1.791	33	1.299	108	4.252

Flange version 13

Tongue flange



Butt welding EN 10220

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_2 [mm]	L_2 [in.]	DC [mm]	DC [in.]
65	2½	76.5	3.012	70	2.756	70	2.756	47.5	1.870	21	0.827	118	4.646
80	3	89	3.504	71	2.795	82	3.228	47.5	1.870	21	0.827	118	4.646

Butt welding ANSI (B 36.10)

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_2 [mm]	L_2 [in.]	DC [mm]	DC [in.]
65	2½	73	2.874	62.6	2.465	62.6	2.465	47.5	1.870	10	0.394	118	4.646
80	3	88.9	3.500	71	2.795	77.9	3.067	47.5	1.870	10	0.394	118	4.646

Socket welding ASME B 16.11

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_2 [mm]	L_2 [in.]	DC [mm]	DC [in.]
65	2½	91.9	3.618	64	2.520	74.2	2.921	47.5	1.870	17	0.669	118	4.646

Soldering DIN (2856)

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_2 [mm]	L_2 [in.]	DC [mm]	DC [in.]
76	-	81	3.189	63	2.480	66.8	2.630	45.5	1.791	33	1.299	118	4.646

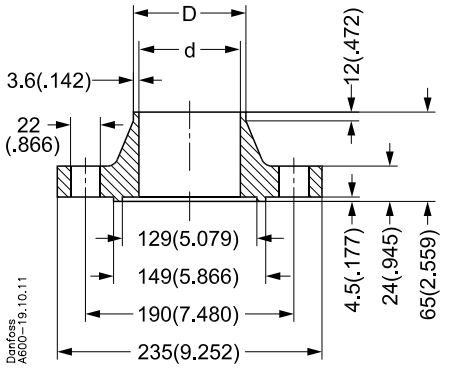
Soldering ASME B 16.22

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_2 [mm]	L_2 [in.]	DC [mm]	DC [in.]
-	2⅝	88	3.464	70	2.756	76	2.992	47.5	1.870	33	1.299	118	4.646

Flange version 14A

Tongue flange



Butt welding EN 10220

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d [mm]	d [in.]	
100	4	114.3	4.500	107.1	4.217	

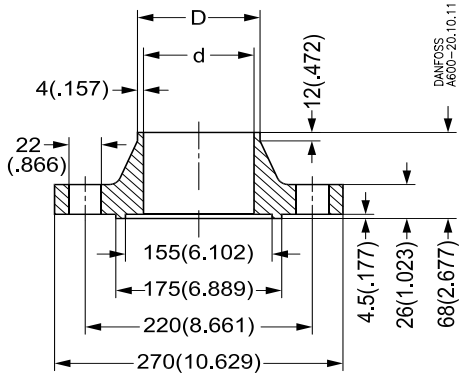
Butt welding ANSI (B 36.10)

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d [mm]	d [in.]	
100	4	114.3	4.500	102.3	4.028	

Flange version 14B

Tongue flange



Butt welding EN 10220

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d [mm]	d [in.]	
125	5	139.7	5.500	131.7	5.185	

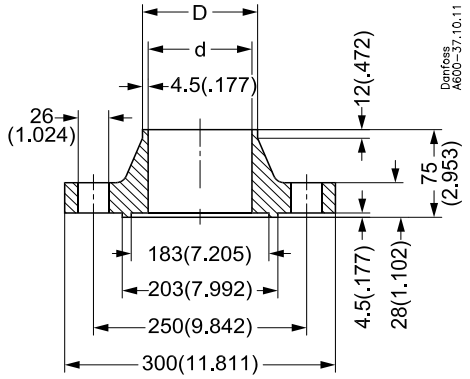
Butt welding ANSI (B 36.10)

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d [mm]	d [in.]	
125	5	141.3	5.563	128.2	5.047	

Flange version 14C

Tongue flange



Butt welding EN 10220

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d [mm]	d [in.]	
150	6	168.3	6.626	159.3	6.272	

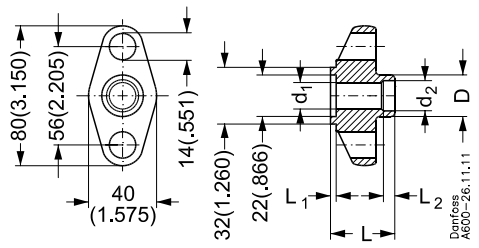
Butt welding ANSI (B 36.10)

Tongue flange sets:

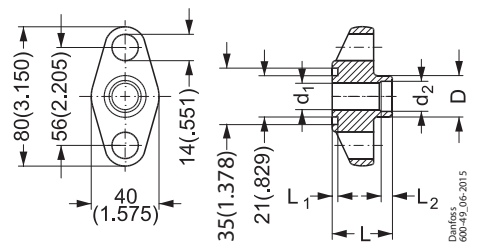
Size [mm]	Size [in.]	D [mm]	D [in.]	d [mm]	d [in.]	
150	6	168.3	6.626	154.1	6.067	

Flange for NRVS

Tongue flange



Groove flange



Butt welding EN 10220

Tongue flanges:

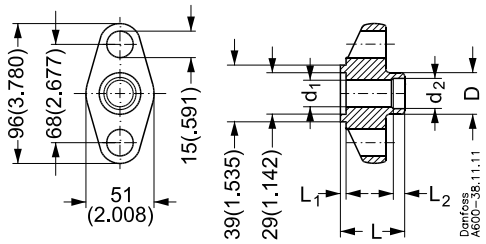
Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_1 [mm]	L_1 [in.]	L_2 [mm]	L_2 [in.]
20	¾	27	1.063	19	0.748	22	0.866	33	1.299	3	0.118	6	0.236

Butt welding EN 10220

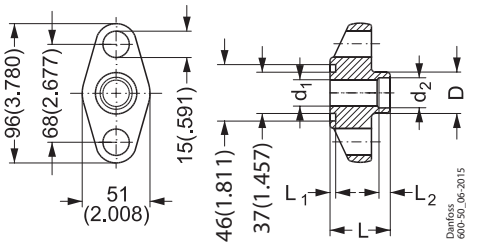
Groove flanges:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_1 [mm]	L_1 [in.]	L_2 [mm]	L_2 [in.]
20	¾	27	1.063	19	0.748	22	0.866	36	1.417	3	0.118	6	0.236

Tongue flange



Groove flange



Butt welding EN 10220

Tongue flanges:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_1 [mm]	L_1 [in.]	L_2 [mm]	L_2 [in.]
25	1	34	1.338	26	1.024	28	1.102	38	1.496	3	0.118	6	0.236

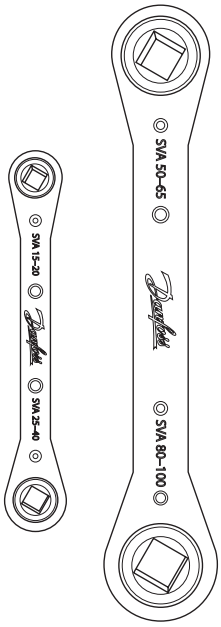
Butt welding EN 10220

Groove flanges:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_1 [mm]	L_1 [in.]	L_2 [mm]	L_2 [in.]
25	1	34	1.338	26	1.024	28	1.102	38	1.496	3	0.118	6	0.236

Danfoss Hand Tools

1



2



3



Description	Qty.	Code no.
2 hand tools for SVA 15-100, fig. 1		
7 mm for SVA 15-20 8 mm for SVA 25-40 10 mm for SVA 50-65 14 mm for SVA 80-100	24 (multipack)	**148B6573**
1 hand tool for EVRA/T, ICFO, SNV, SVA 6-10, ICS/ICLX and new pilots, fig 2		
5 mm for EVRA/T + ICFO 6 mm for SNV + SVA 6-10 + ICS/ICLX + New pilots	30 (multipack)	**148B6574**
Permanent magnetic coil for EVRA/T, ICFO and ICS/ICLX, fig. 3		
Permanent magnetic coil	1	**018F0091**

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