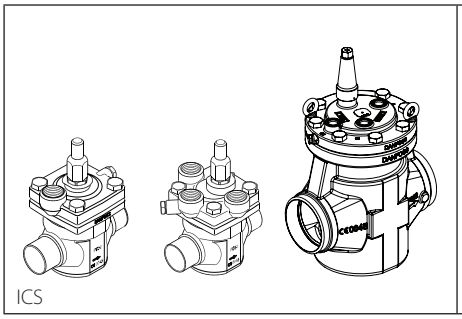
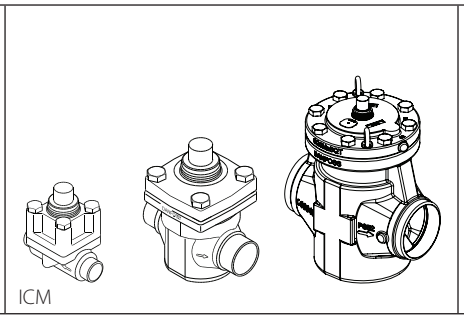
ENGINEERING TOMORROW

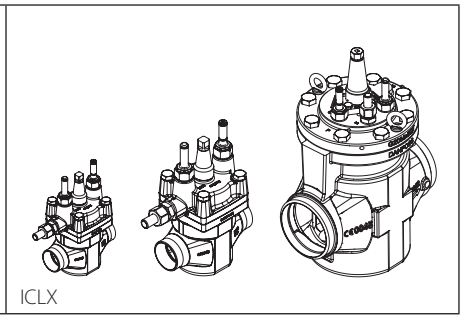
Data sheet

Spare parts and accessories

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]	2	**027H2218**
	32	3	**027H3016**
	40	4	**027H4014**
	50	5	**027H5014**
	65 / 80	6	**027H6016**
	100	7	**027H7191**
	125	8	**027H7194**
	150	9	**027H7196**
Repair kits			
ICS, ICLX	25 [2]	10	**027H2219**
	32	11	**027H3017**
	40	12	**027H4015**
	50	13	**027H5015**
	65 / 80	14	**027H6017**
	100	15	**027H7192**
	125	16	**027H7204**
	150	17	**027H7197**
ICM	20	18	**027H1190**
	100	19	**027H7135**
	125	20	**027H7155**
	150	21	**027H7175**
Overhaul kit, ICS			
ICS	25-5	22	**027H2225**
	25-10	23	**027H2138**
	25-15	24	**027H3019**
	25-20	25	**027H3043**
	25-25	26	**027H3044**
	32	27	**027H3018**
	40	28	**027H4016**
	50	29	**027H5016**
	65	30	**027H6018**
	80	31	**027H6028**
	100	32	**027H7193**
	125	33	**027H7195**
	150	34	**027H7198**

Valve type	Size	See details on page #	Code no.
Overhaul kit, ICM			
ICM	20A	35	**027H1180**
	20A-33	36	**027H1186**
	20B	37	**027H1181**
	20B-66	38	**027H1194**
	20C	39	**027H1182**
	25A	40	**027H2180**
	25B	41	**027H2181**
	32A	42	**027H3180**
	32B	43	**027H3181**
	40A	44	**027H4180**
	40B	45	**027H4181**
	50A	46	**027H5180**
	50B	47	**027H5181**
	65A	48	**027H6180**
	65B	49	**027H6181**
	100	50	**027H7136**
	125	51	**027H7156**
	150	52	**027H7176**
Overhaul kit, ICLX			
ICLX	32	53	**027H3204**
	40	54	**027H4204**
	50	55	**027H5204**
	65 / 80	56	**027H6204**
	100	57	**027H7221**
	125	58	**027H7222**
	150	59	**027H7223**
Accessories			
for ICS		60	
for ICM		62	
for ICLX		64	

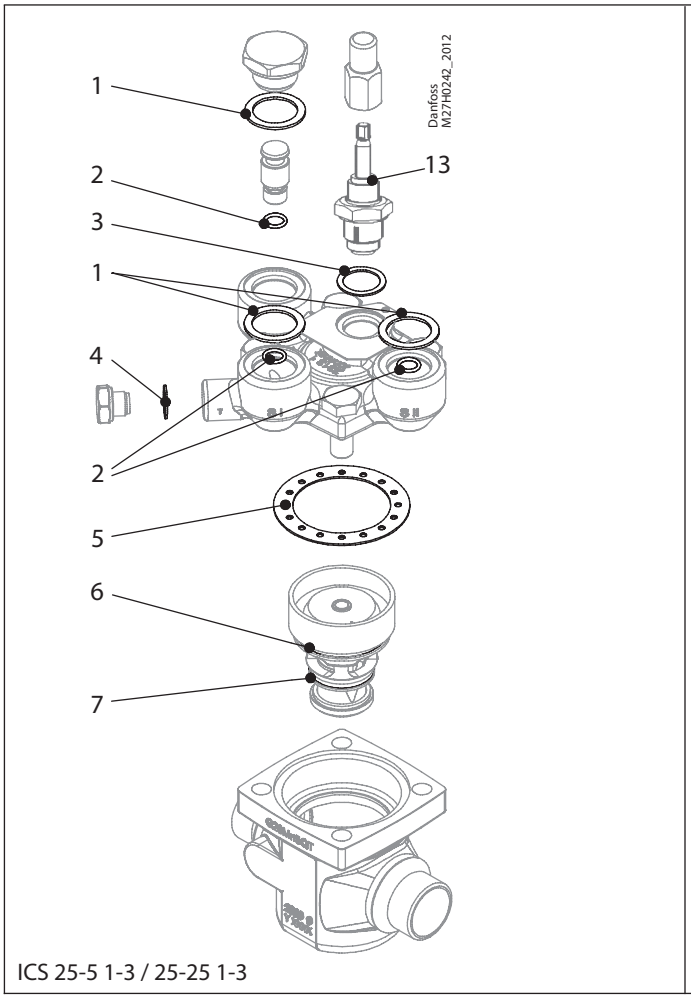
[1] ICS and ICM only
[2] ICS only

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

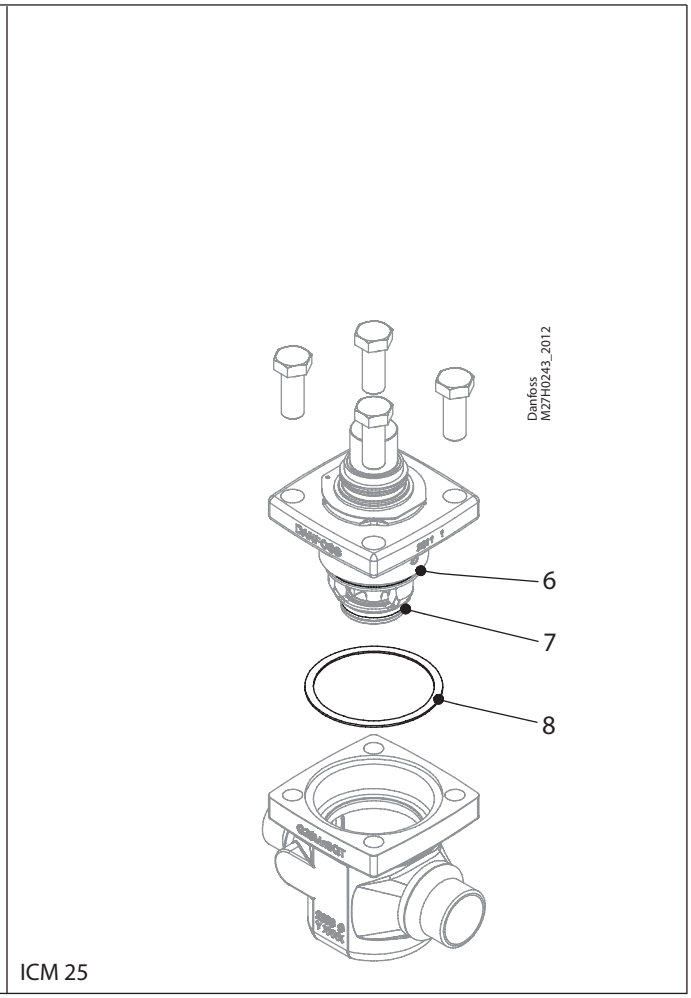
Repair kits:
Contain all gaskets, O-rings and aluminum rings belonging to one valve size, valve seat and piston ring. For detailed content, see specific pages mentioned above.

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



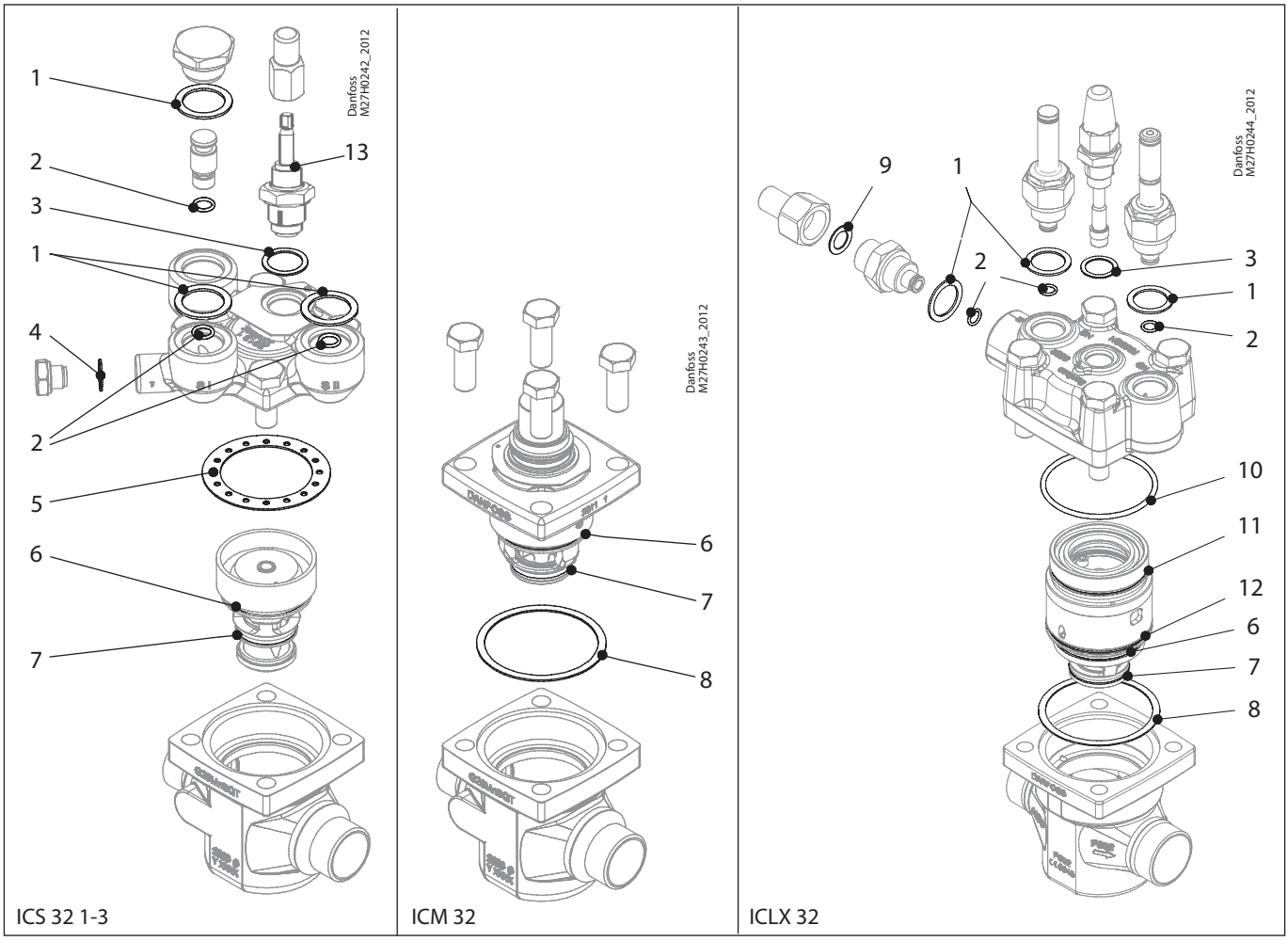
ICS 25-5 1-3 / 25-25 1-3



ICM 25

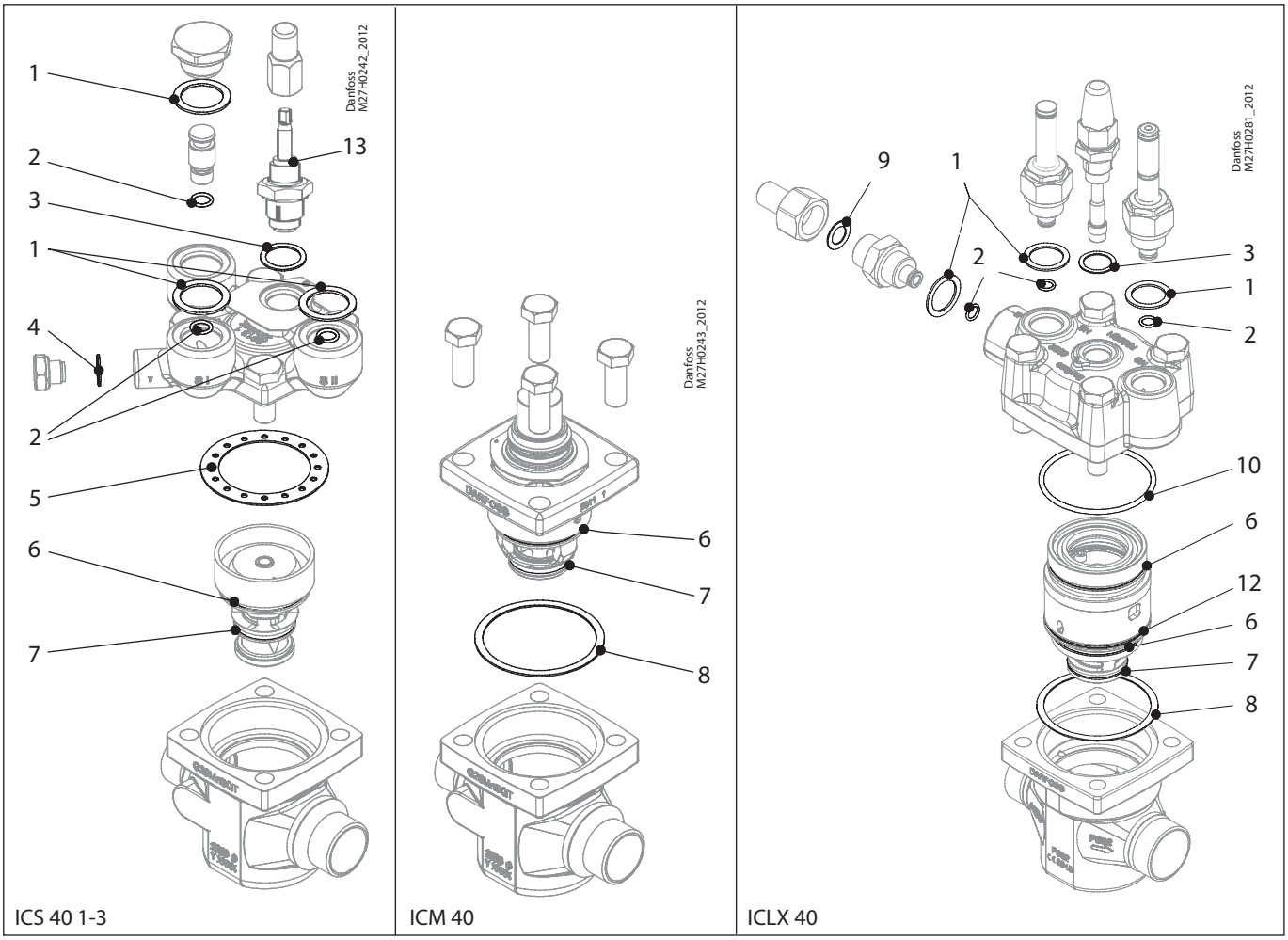
1 = Fibre Ø32.5 mm Ø1.28″ Total no. = 3	**2** Ø9 mm Ø0.36″ Total no. = 3	**3** = Alu. Ø26 mm Ø1.02″ Total no. = 1	**4** = Alu. Ø18 mm Ø0.7″ Total no. = 1	**5** = Fibre Ø73 mm Ø2.87″ Total no. = 1
6 Ø46 mm Ø1.81″ Total no. = 1	**7** Ø30 mm Ø1.18″ Total no. = 2	**8** = Fibre Ø73 mm Ø2.87″ Total no. = 1	**13** Ø9 mm Ø0.36″ Total no. = 1	

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



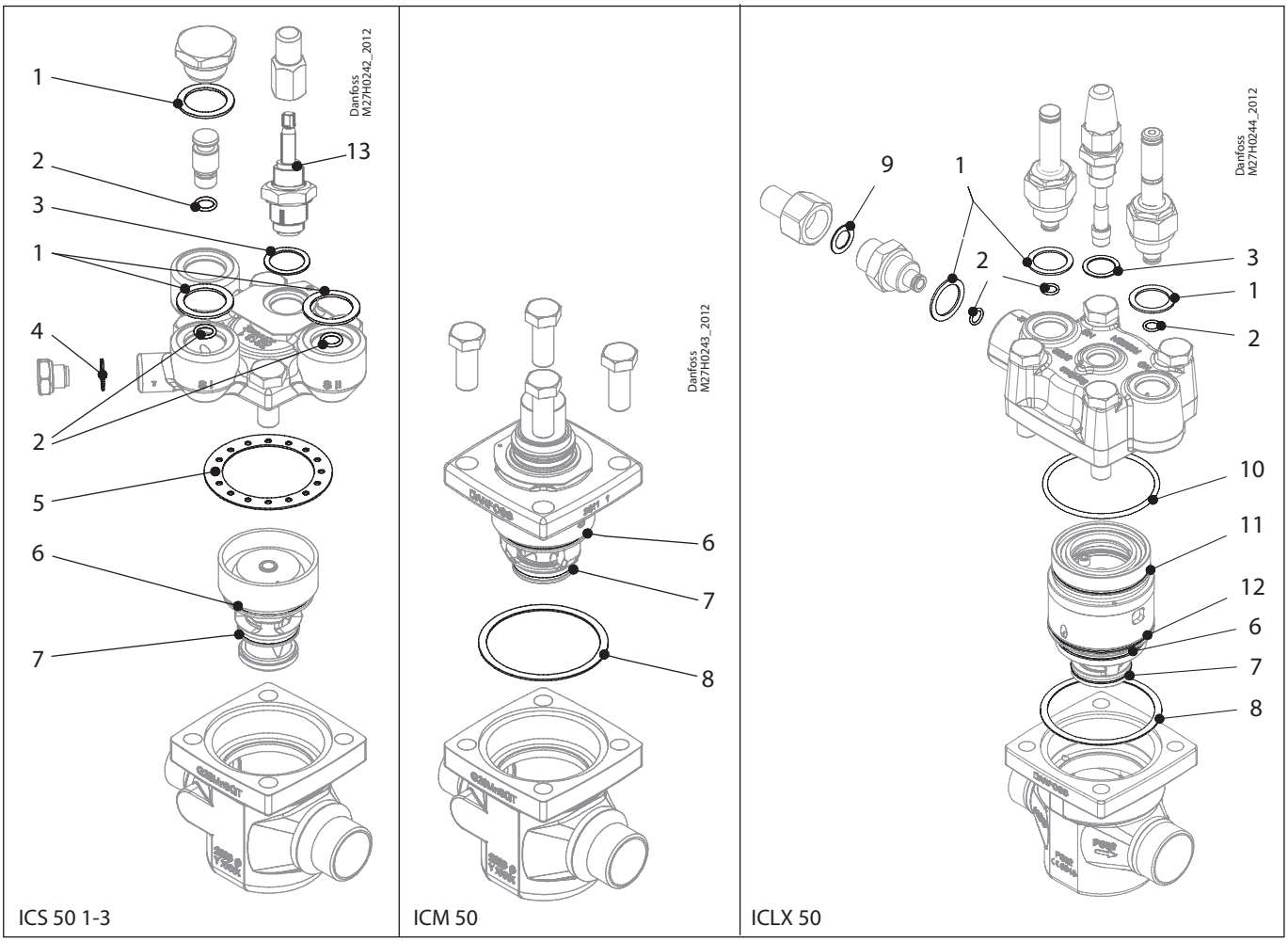
1 = Fibre Ø32.5 mm Ø1.28″ Total no. = 3	**2** Ø9 mm Ø0.36″ Total no. = 3	**3** = Alu. Ø26 mm Ø1.02″ Total no. = 1	**4** = Alu. Ø18 mm Ø0.7″ Total no. = 1	**5** = Fibre Ø86 mm Ø3.39″ Total no. = 1
6 Ø58 mm Ø2.28″ Total no. = 1	**7** Ø38 mm Ø1.5″ Total no. = 1	**8** = Fibre Ø86 mm Ø3.39″ Total no. = 1	**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



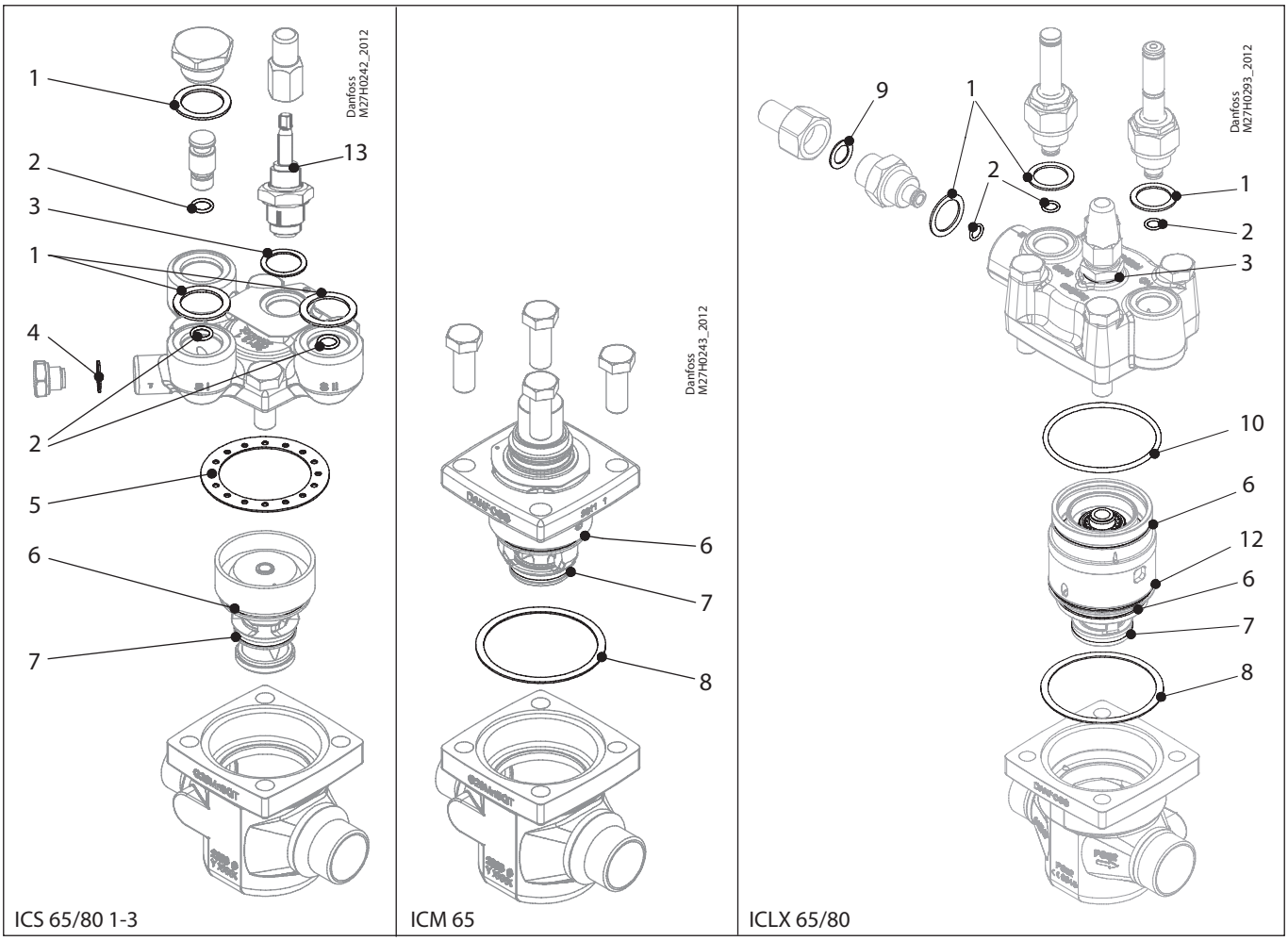
1 = Fibre Ø32.5 mm Ø1.28" Total no. = 3	**2** Ø9 mm Ø0.36" Total no. = 3	**3** = Alu. Ø26 mm Ø1.02" Total no. = 1	**4** = Alu. Ø18 mm Ø0.7" Total no. = 1	**5** = Fibre Ø94 mm Ø3.7" Total no. = 1
6 Ø70 mm Ø2.76" Total no. = 2	**7** Ø50 mm Ø1.97" Total no. = 1	**8** = Fibre Ø94 mm Ø3.7" Total no. = 1	**9** = 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



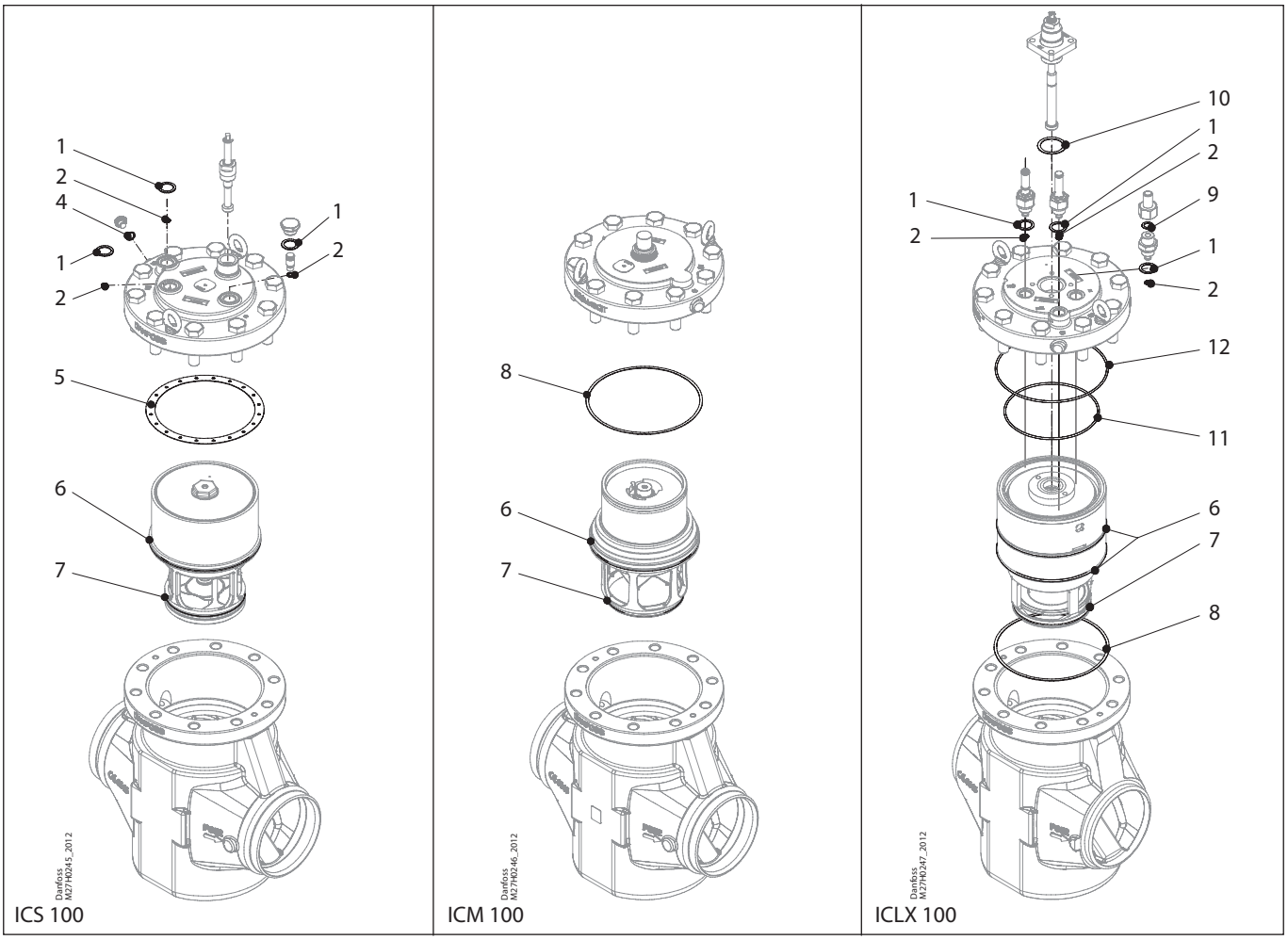
1 = Fibre Ø32.5 mm Ø1.28" Total no. = 3	**2** Ø9 mm Ø0.36" Total no. = 3	**3** = Alu. Ø26 mm Ø1.02" Total no. = 1	**4** = Alu. Ø18 mm Ø0.7" Total no. = 1	**5** = Fibre Ø108 mm Ø4.25" Total no. = 1
6 Ø76 mm Ø2.99" Total no. = 1	**7** Ø58 mm Ø2.28" Total no. = 1	**8** = Fibre Ø108 mm Ø4.25" Total no. = 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** Ø9 mm Ø0.36" Total no. = 1		

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



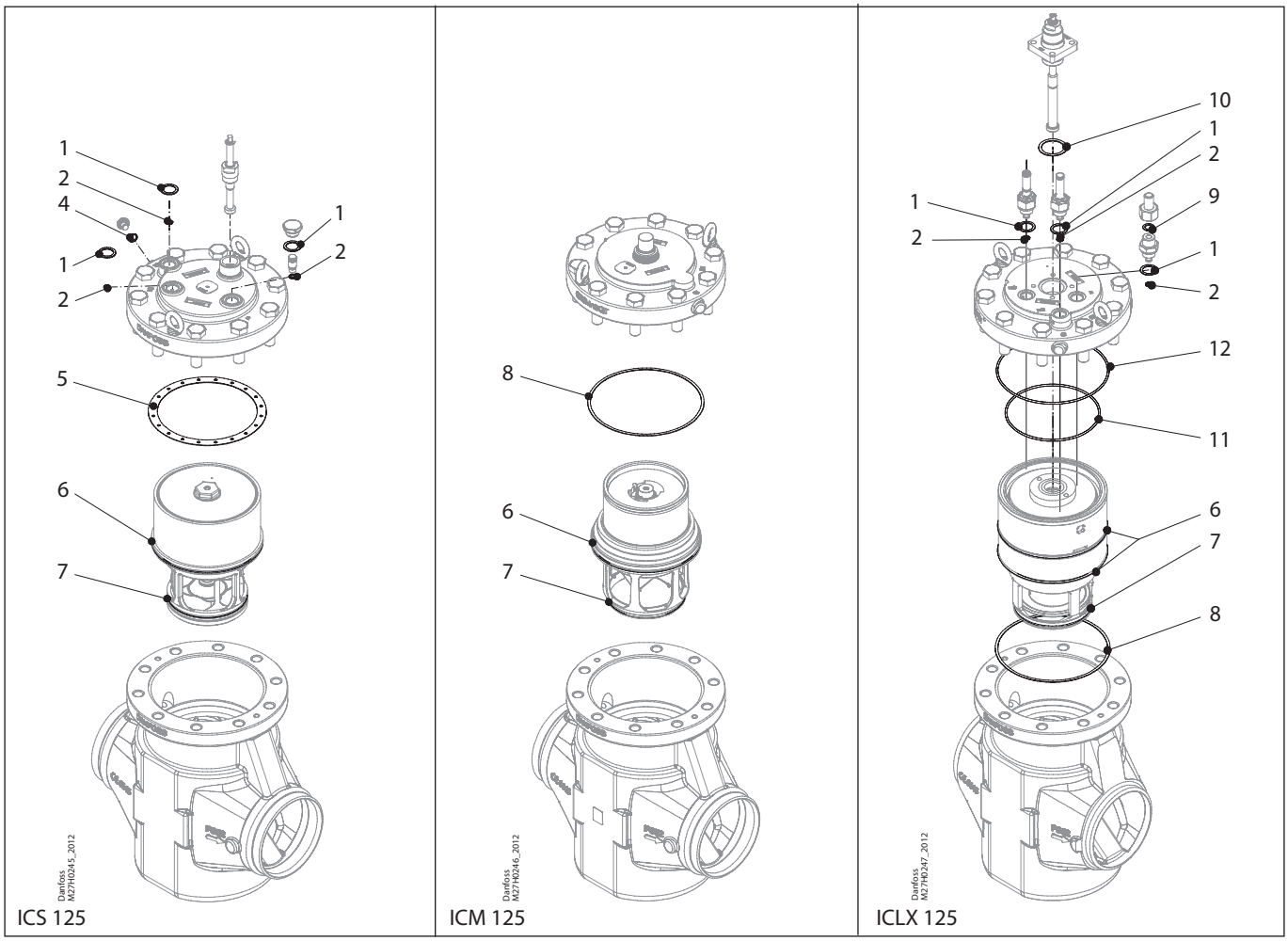
1 = Fibre Ø32.5 mm Ø1.28" Total no. = 3	**2** Ø9 mm Ø0.36" Total no. = 3	**3** = Alu. Ø26 mm Ø1.02" Total no. = 1	**4** = Alu. Ø18 mm Ø0.7" Total no. = 1	**5** = Fibre Ø125 mm Ø4.92" Total no. = 1
6 Ø95 mm Ø3.74" Total no. = 2	**7** Ø76 mm Ø2.99" Total no. = 1	**8** = Fibre Ø125 mm Ø4.92" Total no. = 1	**9** = Alu. Ø22 mm Ø0.87" Total no. = 1	**10** Ø114 mm Ø4.49" Total no. = 1
12 Ø101 mm Ø3.98" Total no. = 1	**13** Ø9 mm Ø0.36" Total no. = 1			

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



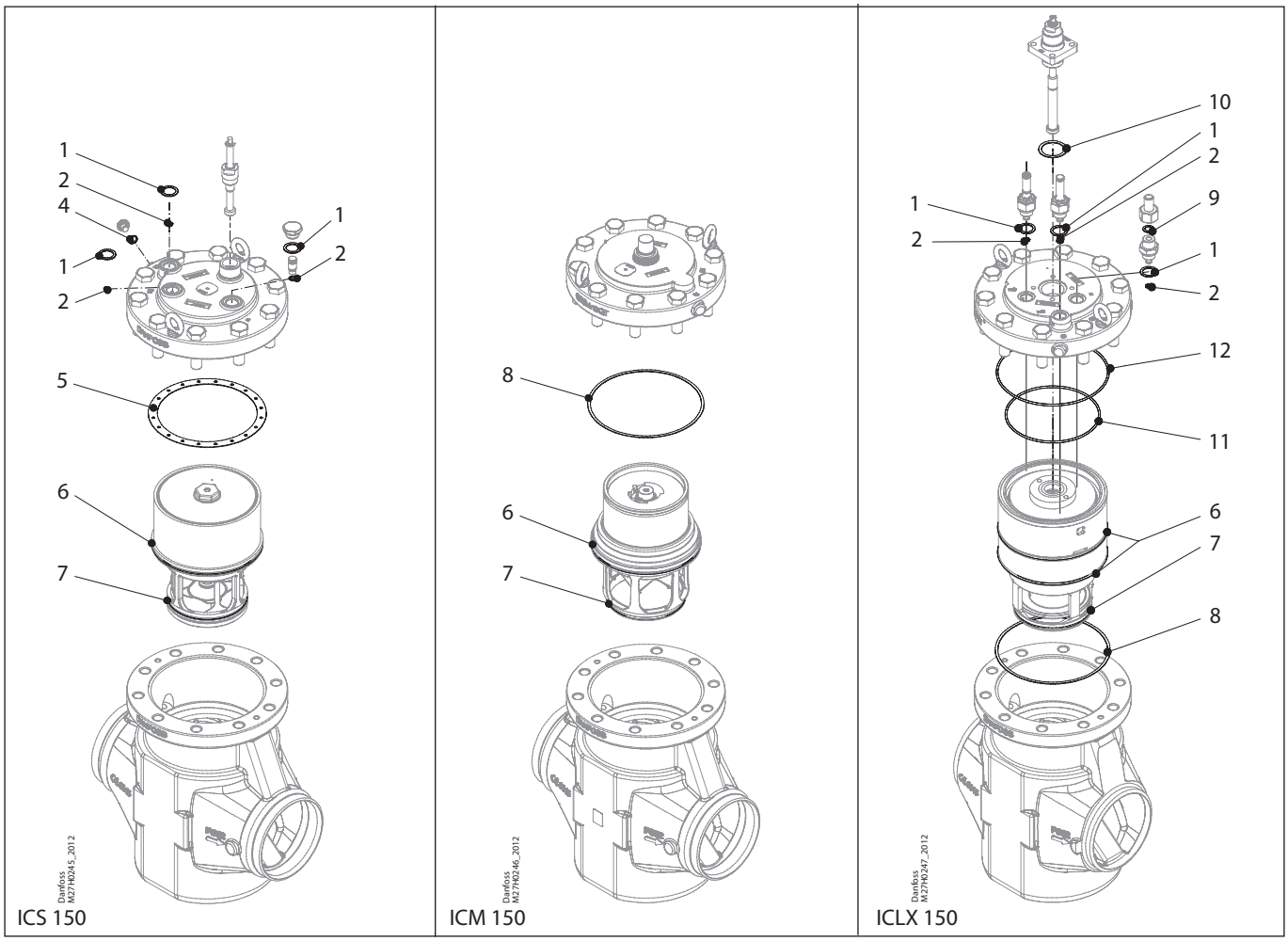
1 = Fibre Ø32.5 mm Ø1.28" Total no. = 3	**2** Ø9 mm Ø0.36" Total no. = 3	**4** = Alu. Ø18 mm Ø0.7" Total no. = 1	**5** = Fibre Ø150 mm Ø5.91" Total no. = 1	**6** Ø133 mm Ø5.24" Total no. = 2
7 Ø88 mm Ø3.46" Total no. = 1	**8** = Fibre Ø150 mm Ø5.91" Total no. = 1	**9** = Alu. Ø22 mm Ø0.87" Total no. = 1	**10** = Fibre Ø39 mm Ø1.54" Total no. = 1	**11** Ø114 mm Ø4.49" Total no. = 1
12 Ø142 mm Ø5.59" Total no. = 1				

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



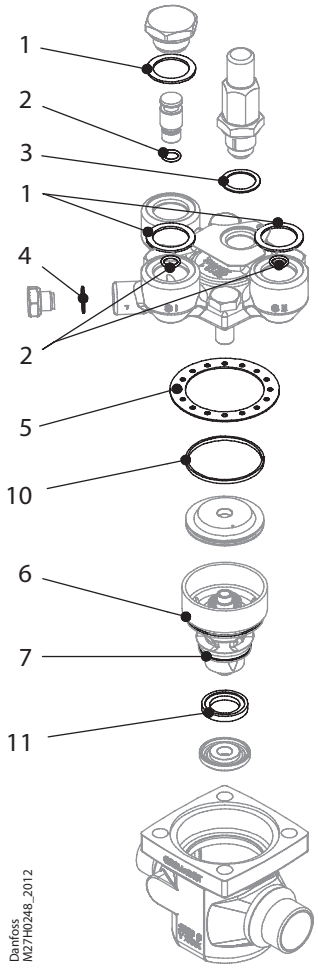
1 = Fibre Ø32.5 mm Ø1.28" Total no. = 3	**2** Ø9 mm Ø0.36" Total no. = 3	**4** = Alu. Ø18 mm Ø0.7" Total no. = 1
5 = Fibre Ø178 mm Ø7.01" Total no. = 1	**6** Ø158 mm Ø6.22" Total no. = 2	**7** Ø114 mm Ø4.49" Total no. = 1
8 = Fibre Ø178mm Ø7.01" Total no. = 1	**9** = Alu. Ø22 mm Ø0.87" Total no. = 1	**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



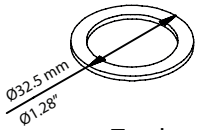
1 = Fibre Ø32.5 mm Ø1.28" Total no. = 3	**2** Ø9 mm Ø0.36" Total no. = 3	**4** = Alu. Ø18 mm Ø0.7" Total no. = 1
5 = Fibre Ø220 mm Ø8.66" Total no. = 1	**6** Ø196 mm Ø7.72" Total no. = 2	
7 Ø142 mm Ø5.59" Total no. = 1	**8** = Fibre Ø220mm Ø8.66" Total no. = 1	**9** = Alu. Ø22 mm Ø0.87" Total no. = 1
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		

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



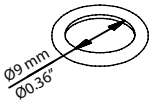
ICS 25-5 (1-3) / 25-25 (1-3)

1 = Fibre



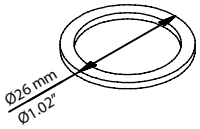
Total no. = 3

2



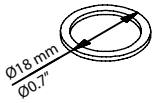
Total no. = 3

3 = Alu.



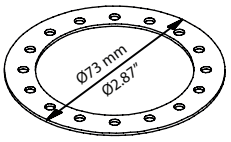
Total no. = 1

4 = Alu.



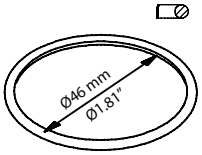
Total no. = 1

5 = Fibre



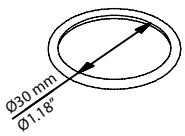
Total no. = 1

6



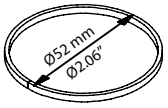
Total no. = 1

7



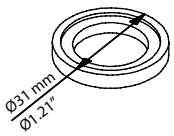
Total no. = 1

10 = Steel



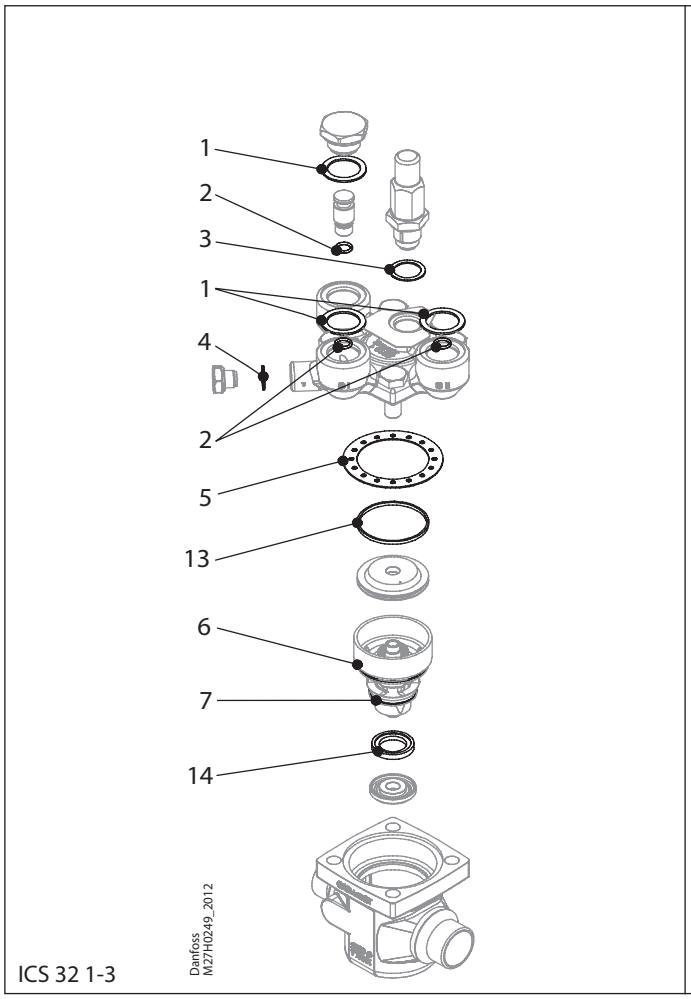
Total no. = 1

11

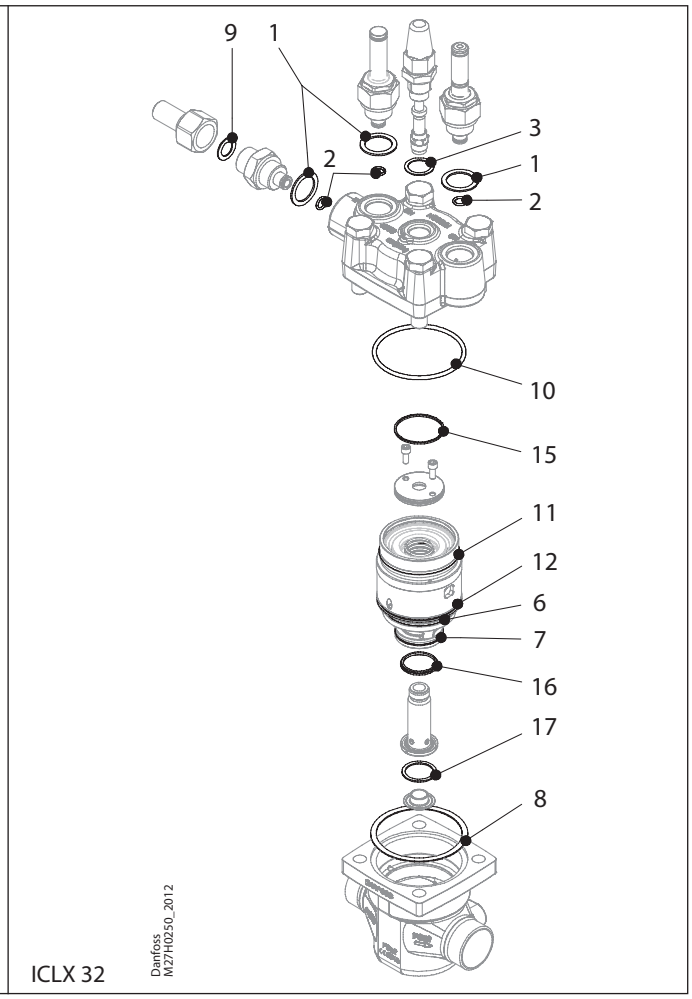


Total no. = 1

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



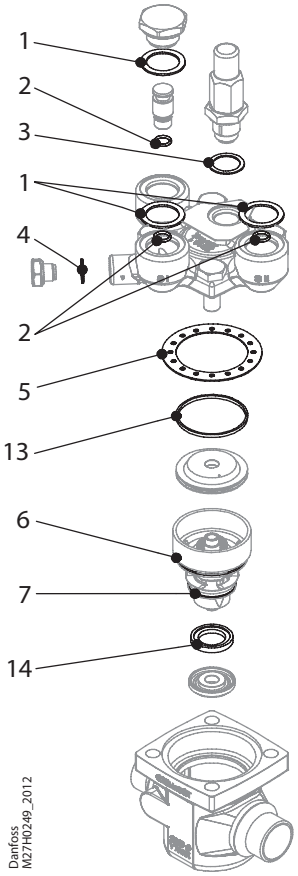
ICS 32 1-3



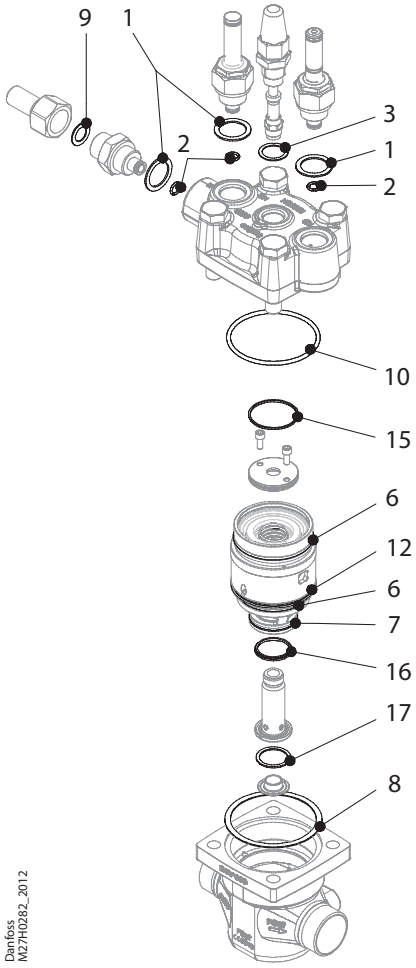
ICLX 32

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



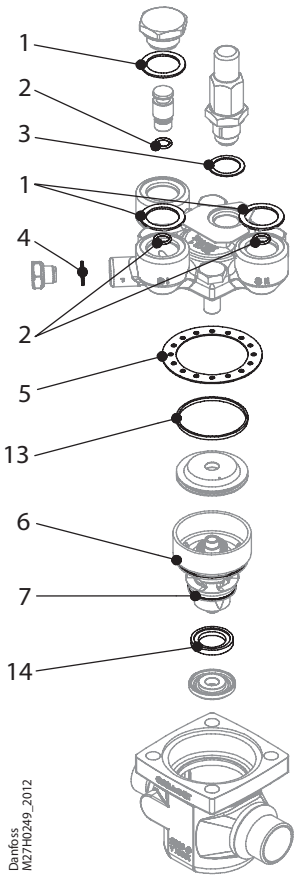
ICS 40 1-3



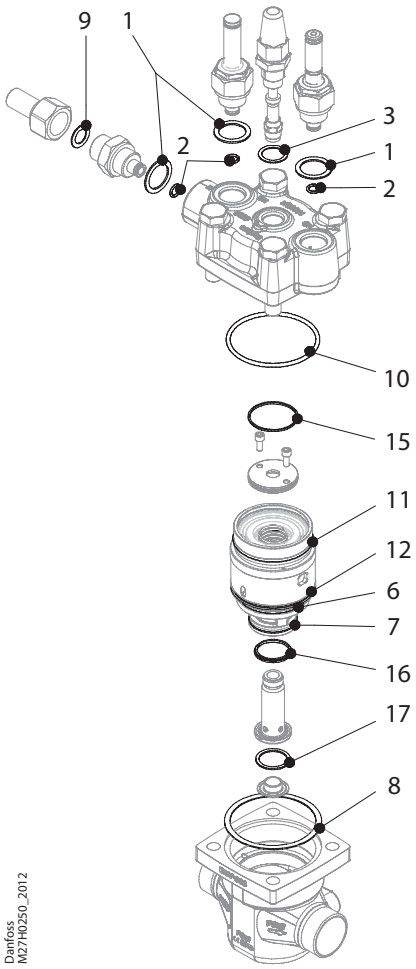
ICLX 40

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



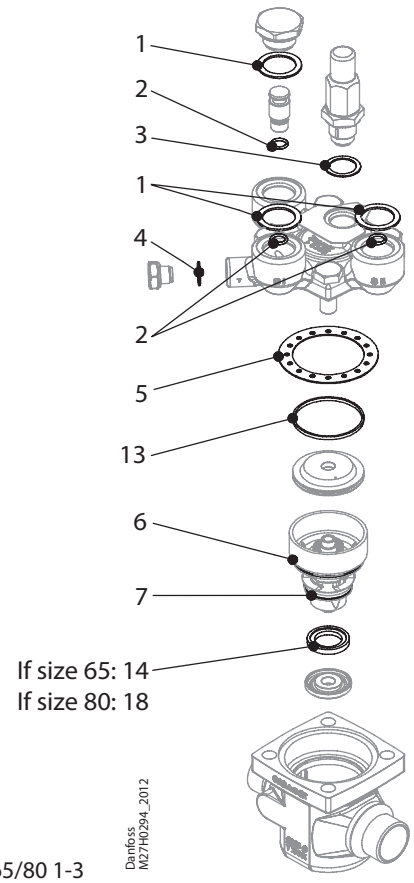
ICS 50 1-3



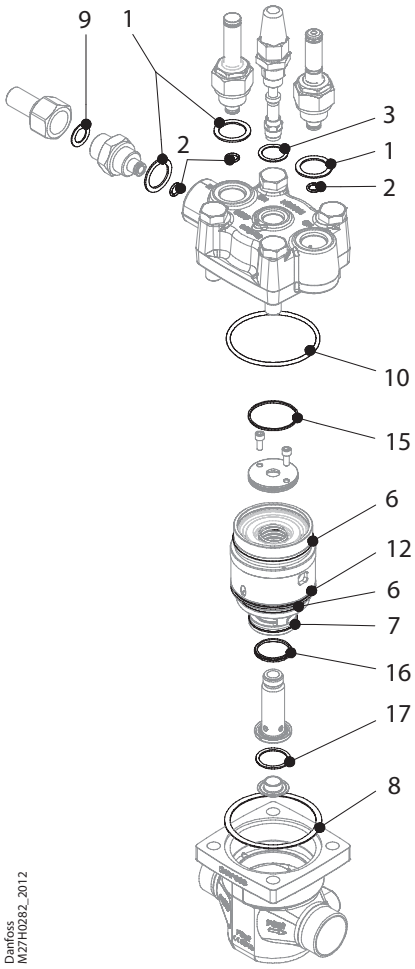
ICLX 50

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



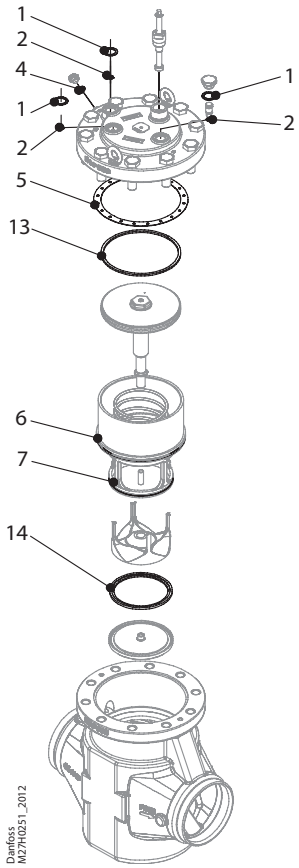
ICS 65/80 1-3



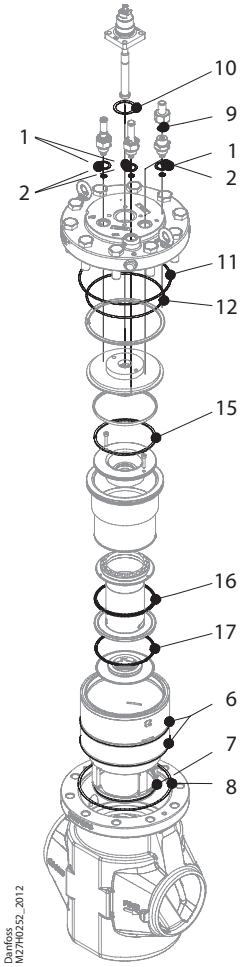
ICLX 65/80

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



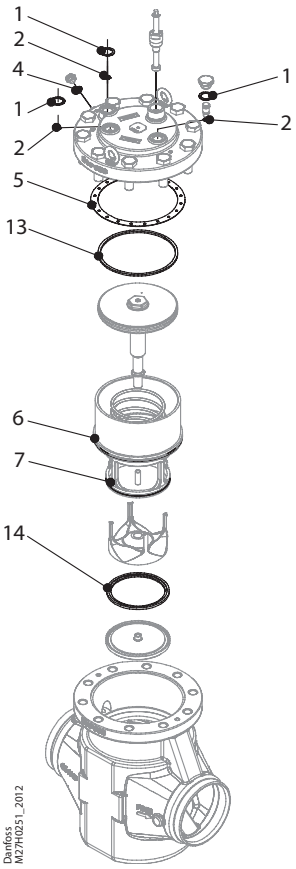
ICS 100



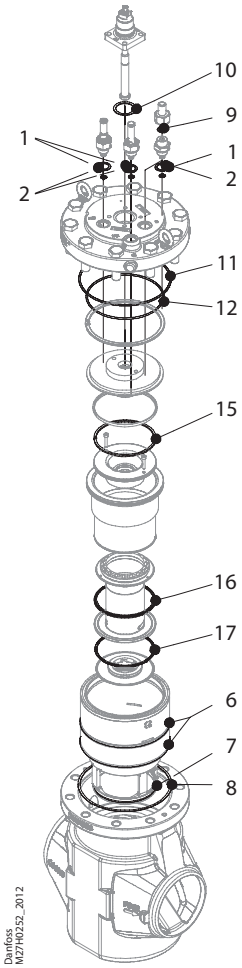
ICLX 100

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



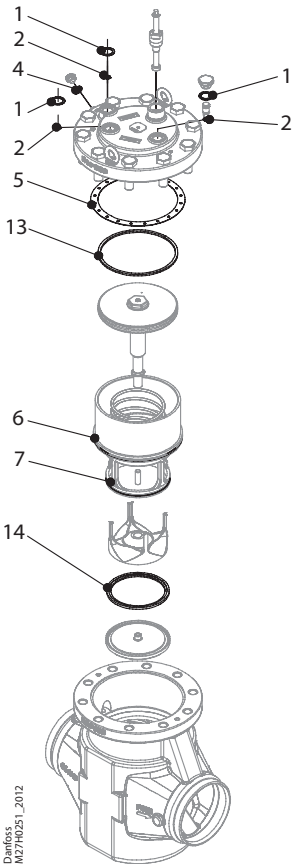
ICS 125



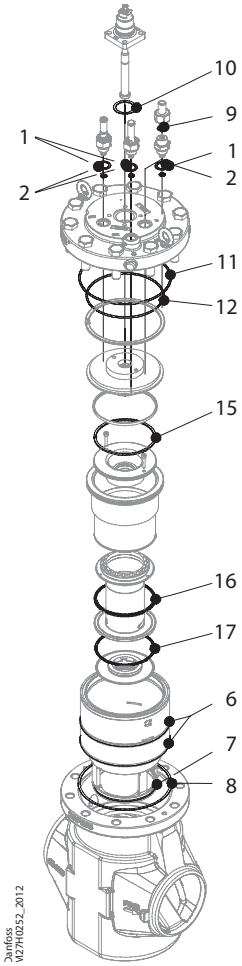
ICLX 125

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



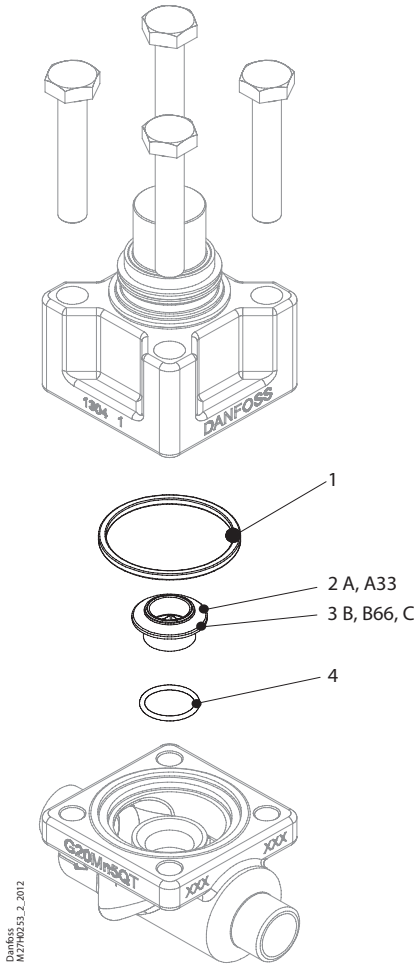
ICS 150



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		

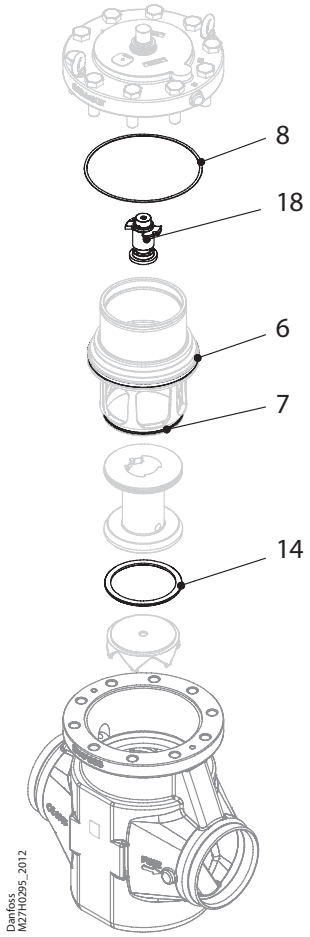
Repair kit | Code number 027H1190
ICM, size 20 (20A / 20A-33 / 20B / 20B-66 / 20C)



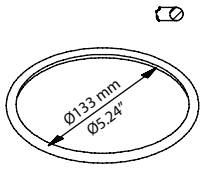
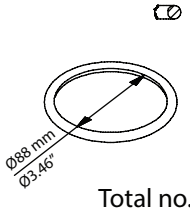
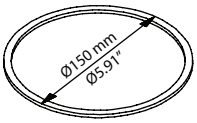
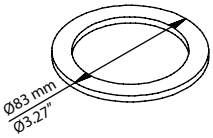
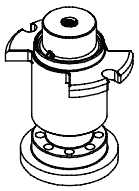
ICM 20

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	

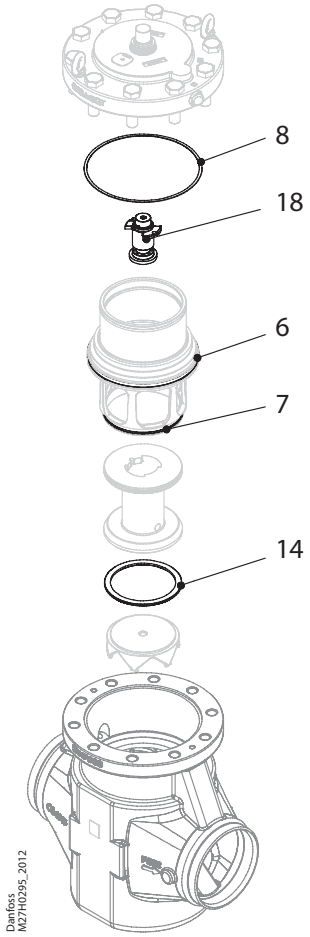
Repair kit | Code number 027H7135
ICM, size 100



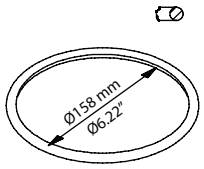
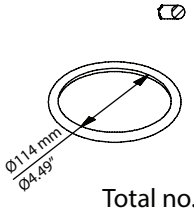
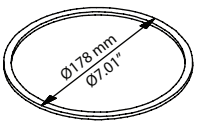
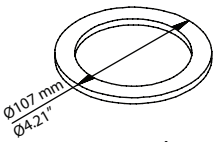
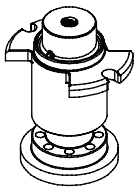
ICM 100

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

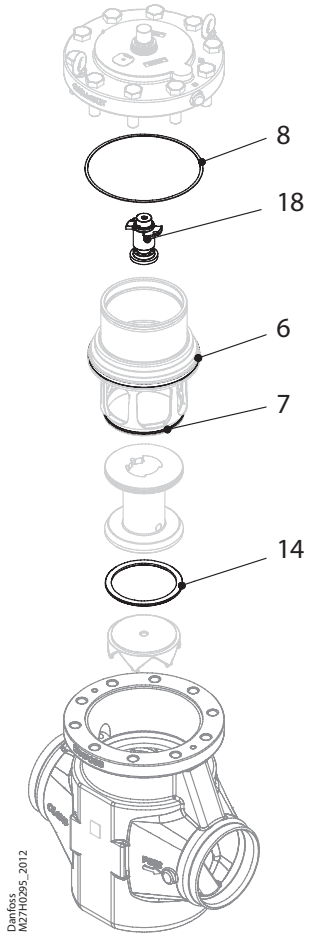
Repair kit | Code number 027H7155
ICM, size 125



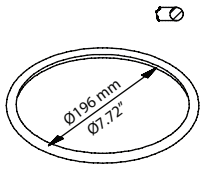
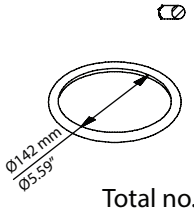
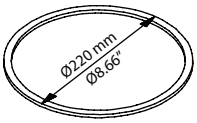
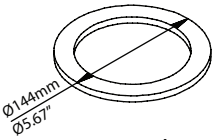
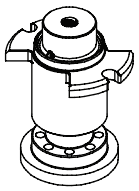
ICM 125

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

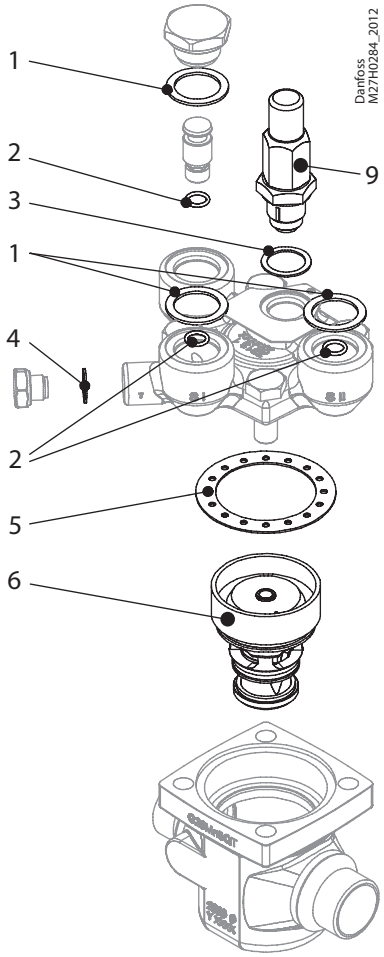
Repair kit | Code number 027H7175
ICM, size 150



ICM 150

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

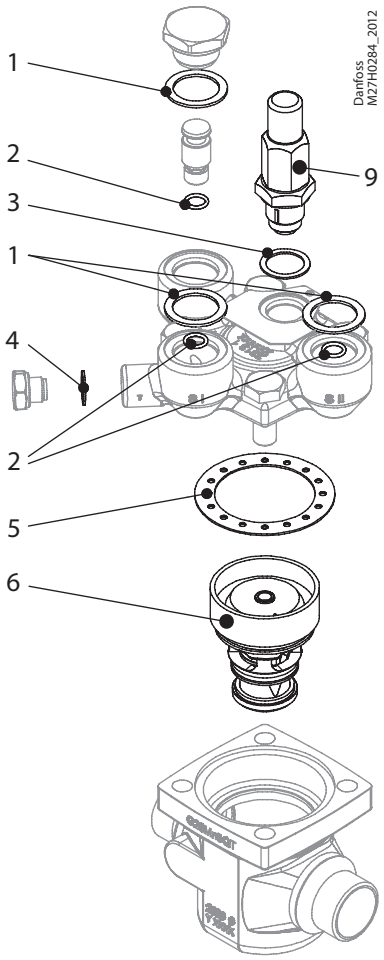
Overhaul kit | Code number 027H2225
ICS, size 25-5



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			

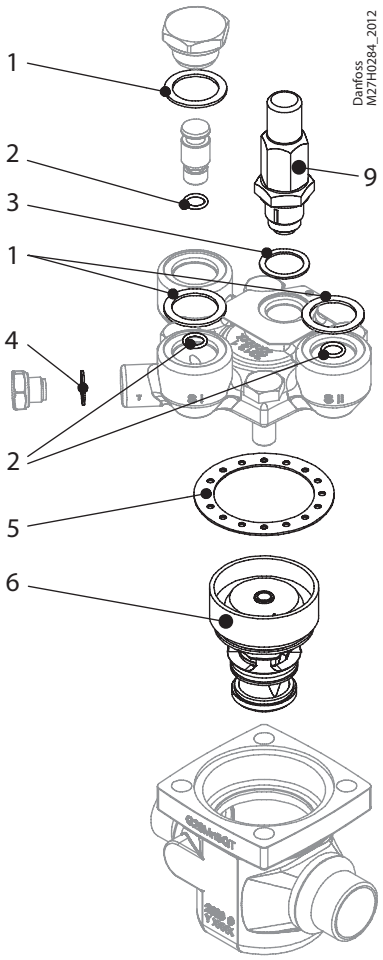
Overhaul kit | Code number 027H2138
ICS, size 25-10



ICS 25-10

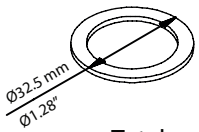
1 = Fibre Ø32.5 mm Ø1.28" Total no. = 3	**2** Ø9 mm Ø0.36" Total no. = 3	**3** = Alu. Ø26 mm Ø1.02" Total no. = 1	**4** = Alu. Ø18 mm Ø0.7" Total no. = 1	**5** = Fibre Ø73 mm Ø2.87" Total no. = 1
6 Ø57 mm Ø2.24" Total no. = 1	**9** Total no. = 1			

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



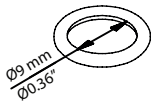
ICS 25-15

1 = Fibre



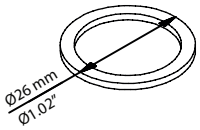
Total no. = 3

2



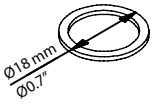
Total no. = 3

3 = Alu.



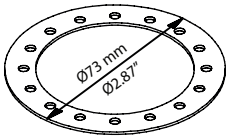
Total no. = 1

4 = Alu.



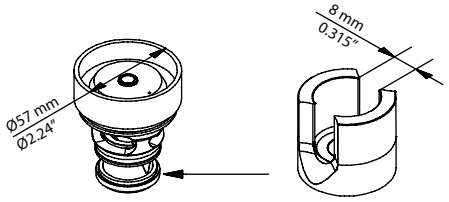
Total no. = 1

5 = Fibre



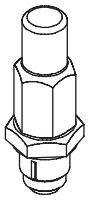
Total no. = 1

6



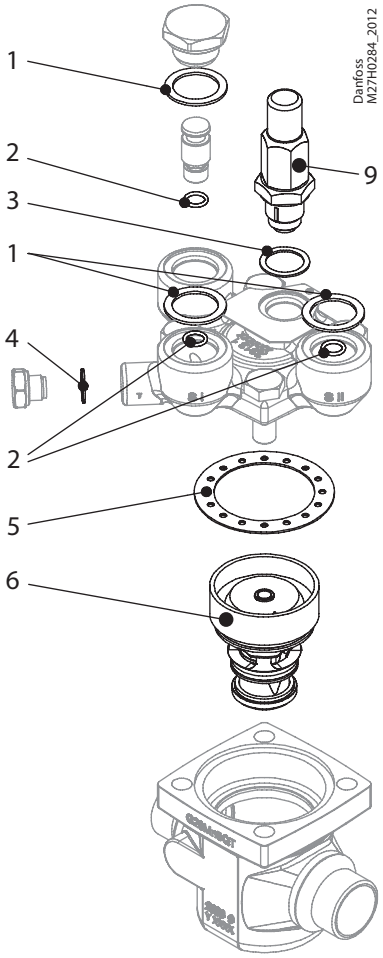
Total no. = 1

9



Total no. = 1

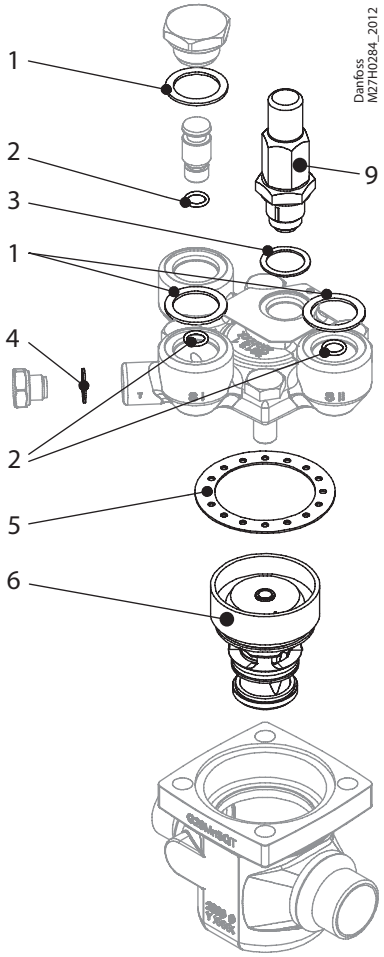
Overhaul kit | Code number 027H3043
ICS, size 25-20



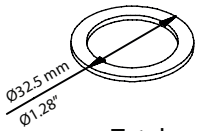
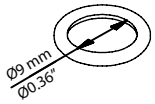
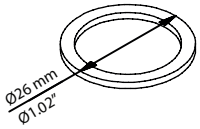
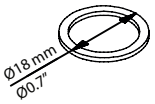
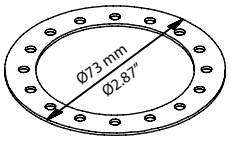
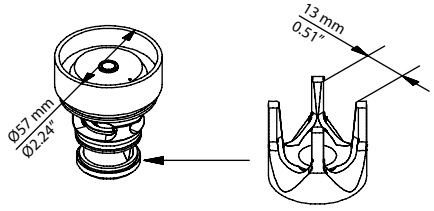
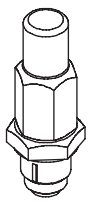
ICS 25-20

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			

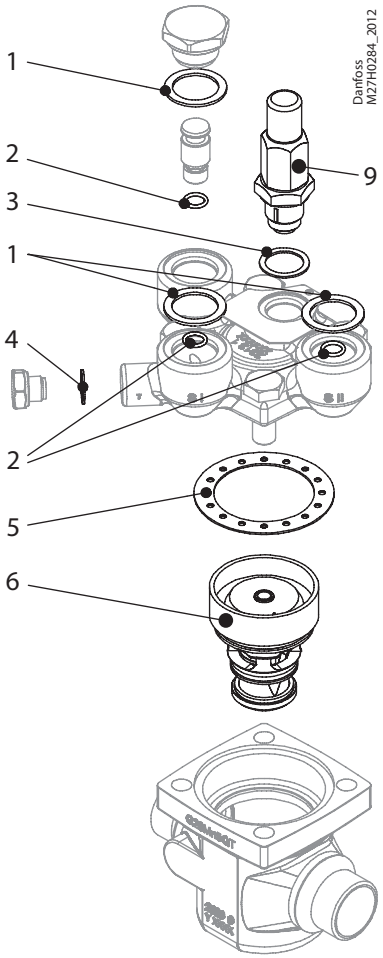
Overhaul kit | Code number 027H3044
ICS, size 25-25



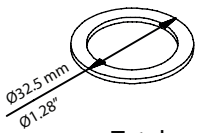
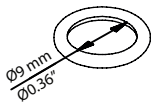
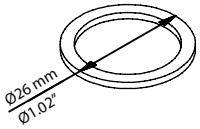
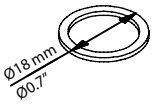
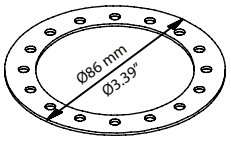
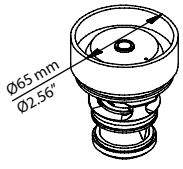
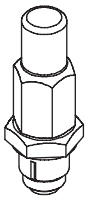
ICS 25-25

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			

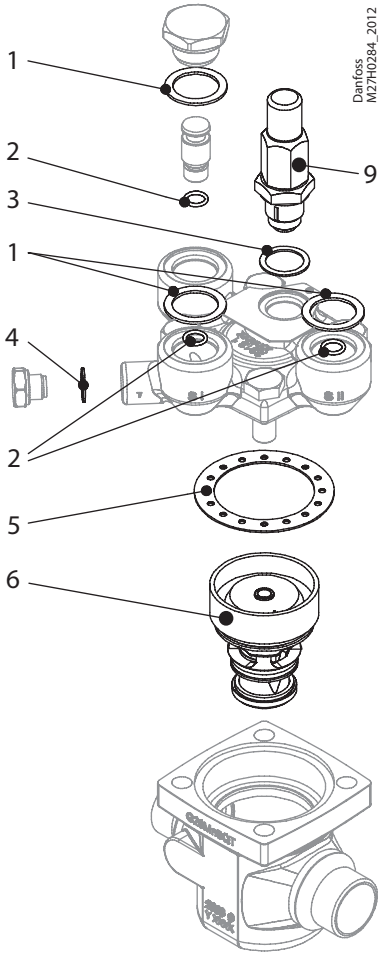
Overhaul kit | Code number 027H3018
ICS, size 32



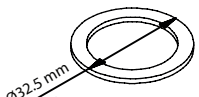
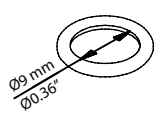
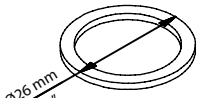
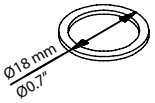
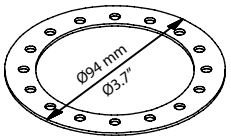
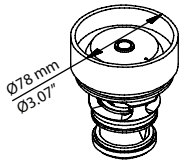
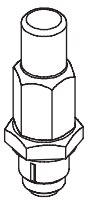
ICS 32

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			

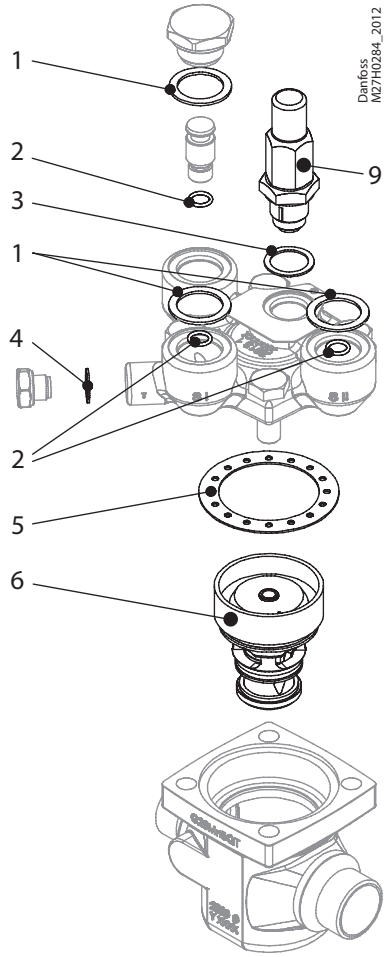
Overhaul kit | Code number 027H4016
ICS, size 40



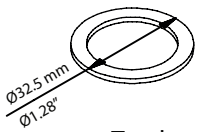
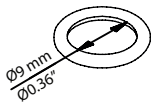
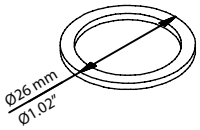
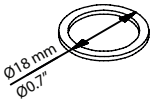
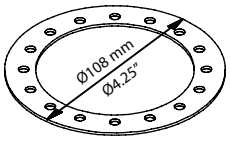
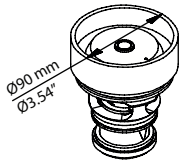
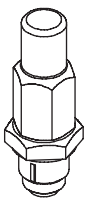
ICS 40

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			

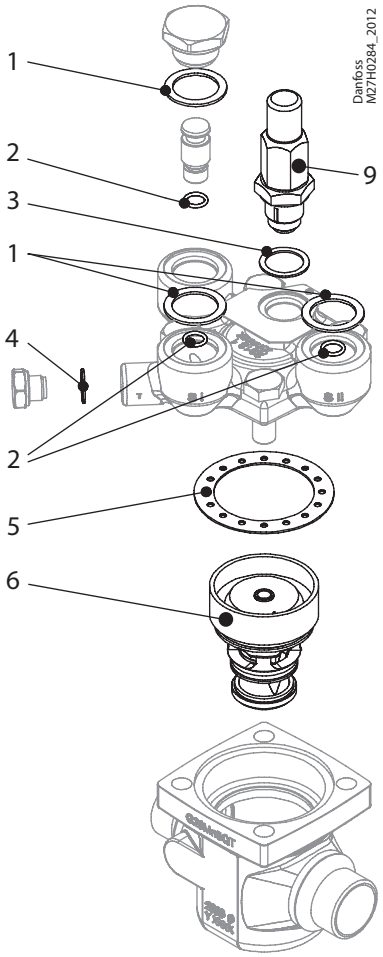
Overhaul kit | Code number 027H5016
ICS, size 50



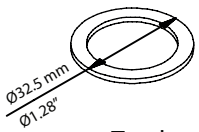
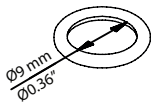
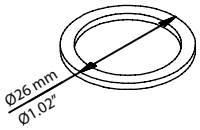
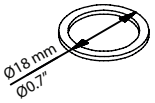
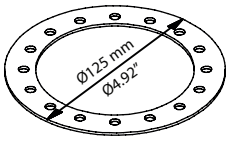
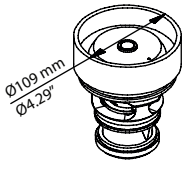
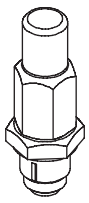
ICS 50

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			

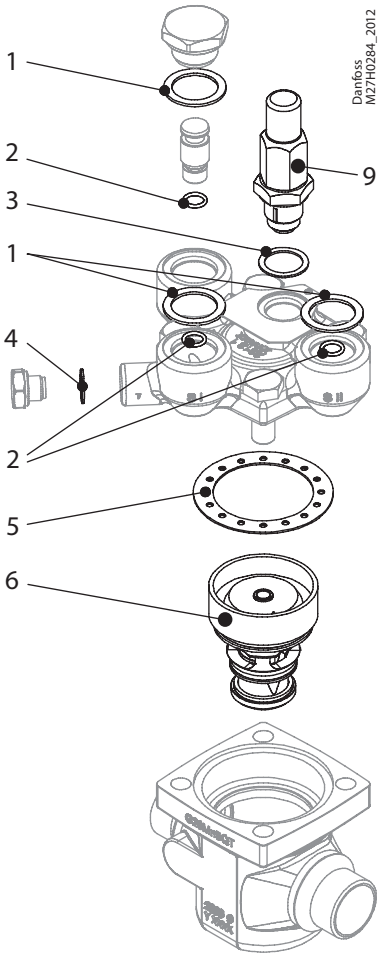
Overhaul kit | Code number 027H6018
ICS, size 65



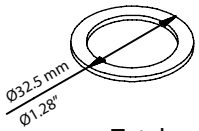
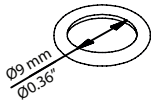
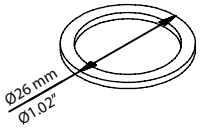
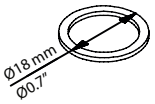
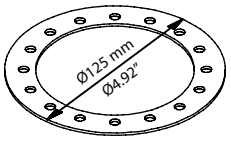
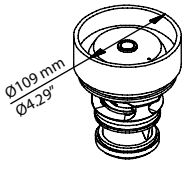
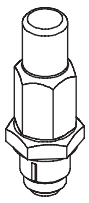
ICS 65

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			

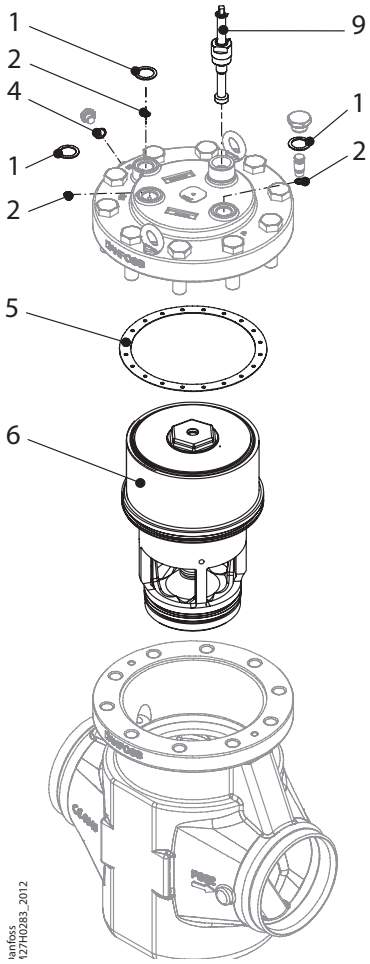
Overhaul kit | Code number 027H6028
ICS, size 80



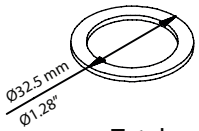
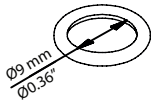
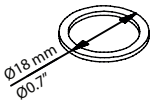
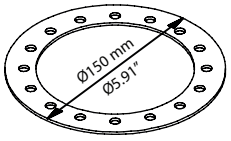
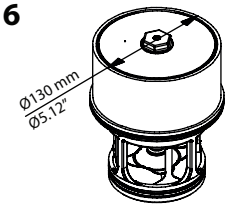
ICS 80

1 = Fibre  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 027H7193
ICS, size 100

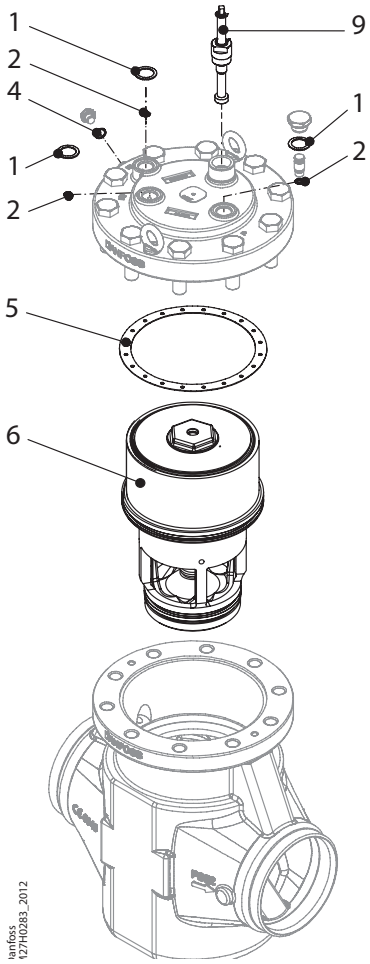


ICS 100

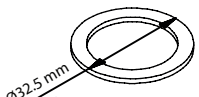
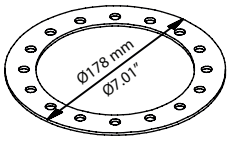
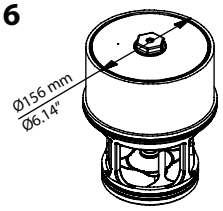
1 = Fibre  Total no. = 3	**2**  Total no. = 3	**4** = Alu.  Total no. = 1	**5** = Fibre  Total no. = 1	**6**  Total no. = 1
9 Total no. = 1				

For a complete replacement of the ICS top cover including gasket; please see page 61.

Overhaul kit | Code number 027H7195
ICS, size 125

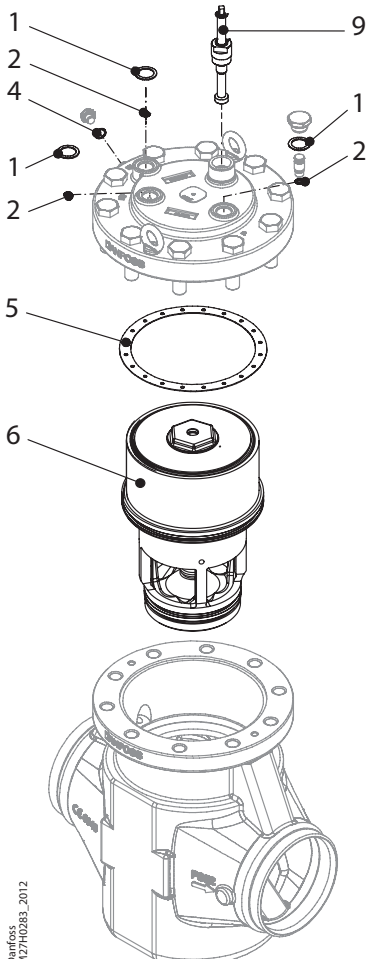


ICS 125

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 61.

Overhaul kit | Code number 027H7198
ICS, size 150

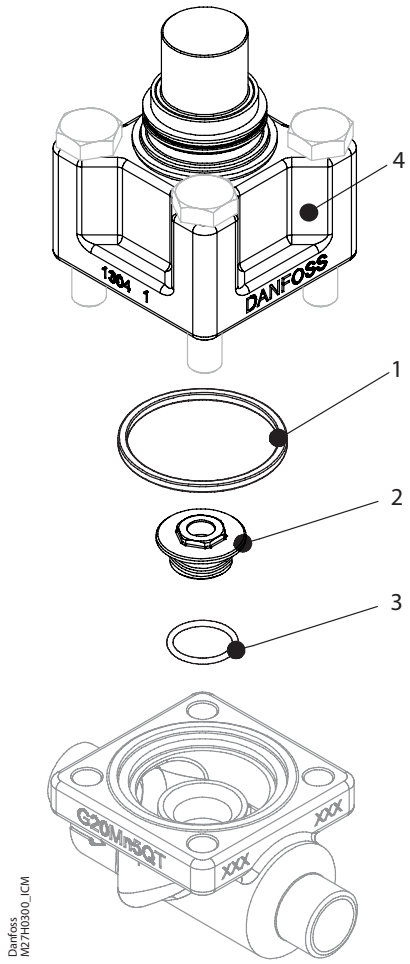


ICS 150

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 61.

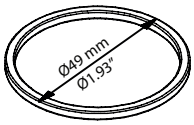
Overhaul kit | Code number 027H1180
ICM, size 20A



ICM 20A

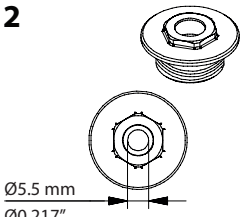
1

= Rubber



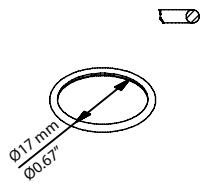
Total no. = 1

2



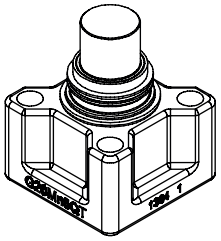
Total no. = 1

3

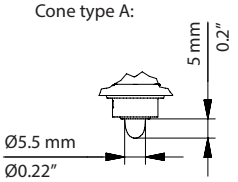


Total no. = 1

4

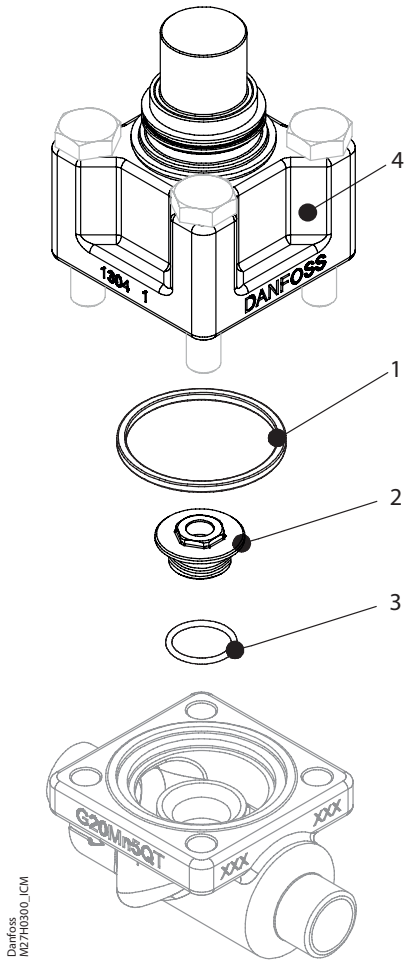


Cone type A:



Total no. = 1

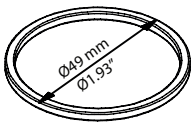
Overhaul kit | Code number 027H1186
ICM, size 20A-33



ICM 20A-33

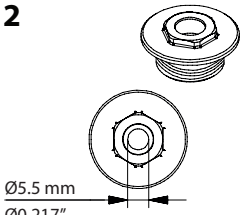
1

= Rubber



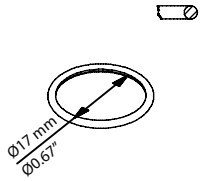
Total no. = 1

2



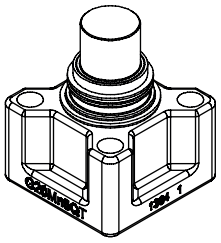
Total no. = 1

3

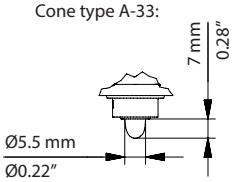


Total no. = 1

4

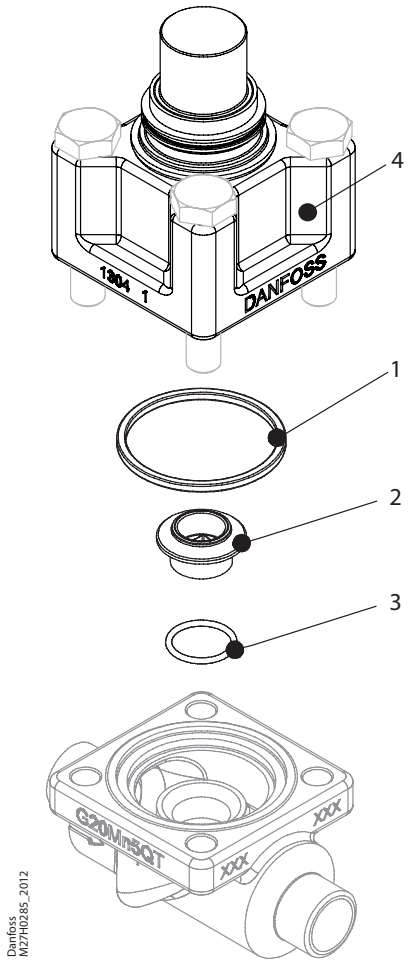


Cone type A-33:



Total no. = 1

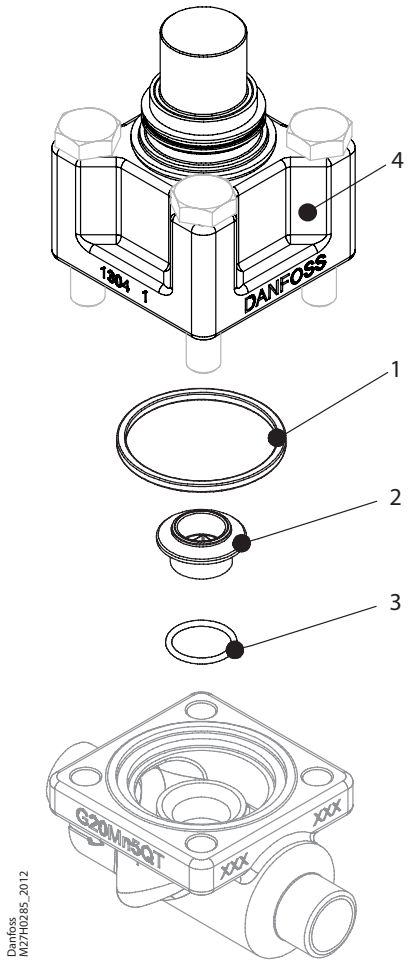
Overhaul kit | Code number 027H1181
ICM, size 20B



ICM 20B

1	2	3	4
= Rubber Ø49 mm Ø1.93" Total no. = 1	Ø14 mm Ø0.55" Total no. = 1	Ø17 mm Ø0.67" Total no. = 1	Cone type B: 6.5mm 0.26" Total no. = 1

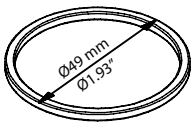
Overhaul kit | Code number 027H1194
ICM, size 20B-66



ICM 20B-66

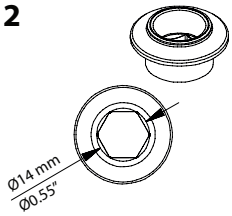
1

= Rubber



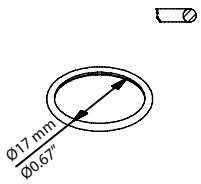
Total no. = 1

2



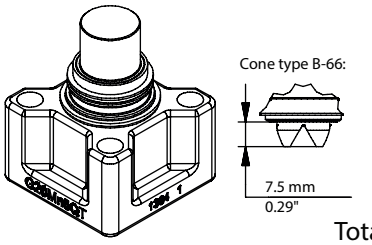
Total no. = 1

3



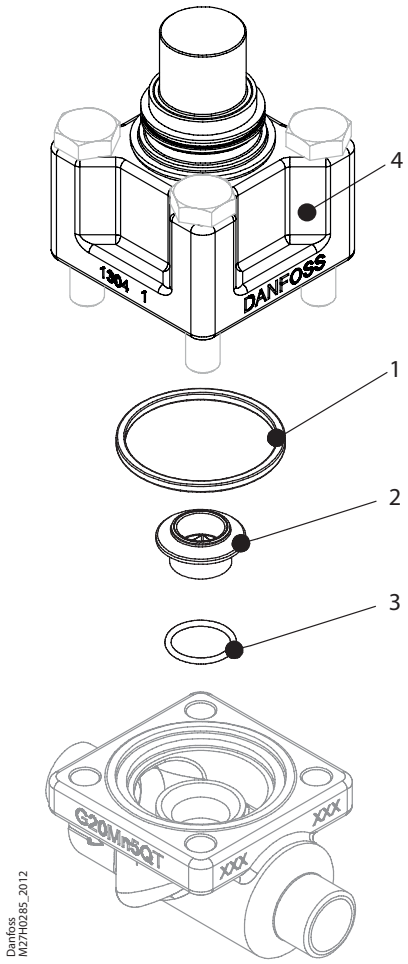
Total no. = 1

4



Total no. = 1

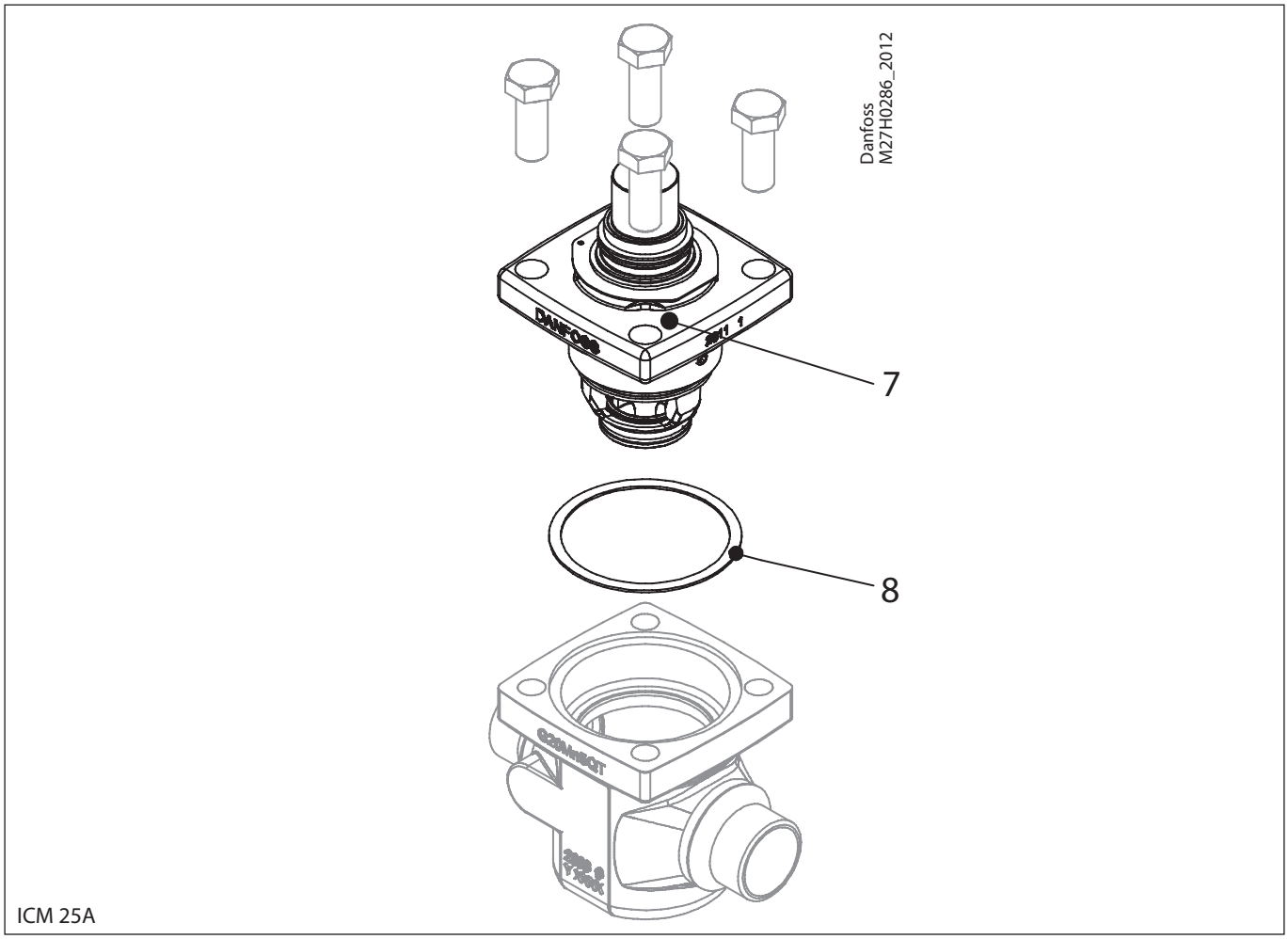
Overhaul kit | Code number 027H1182
ICM, size 20C



ICM 20C

1	2	3	4
= Rubber Ø49 mm Ø1.93" Total no. = 1	Ø14 mm Ø0.55" Total no. = 1	Ø17 mm Ø0.67" Total no. = 1	Cone type C: 3 mm 0.12" Total no. = 1

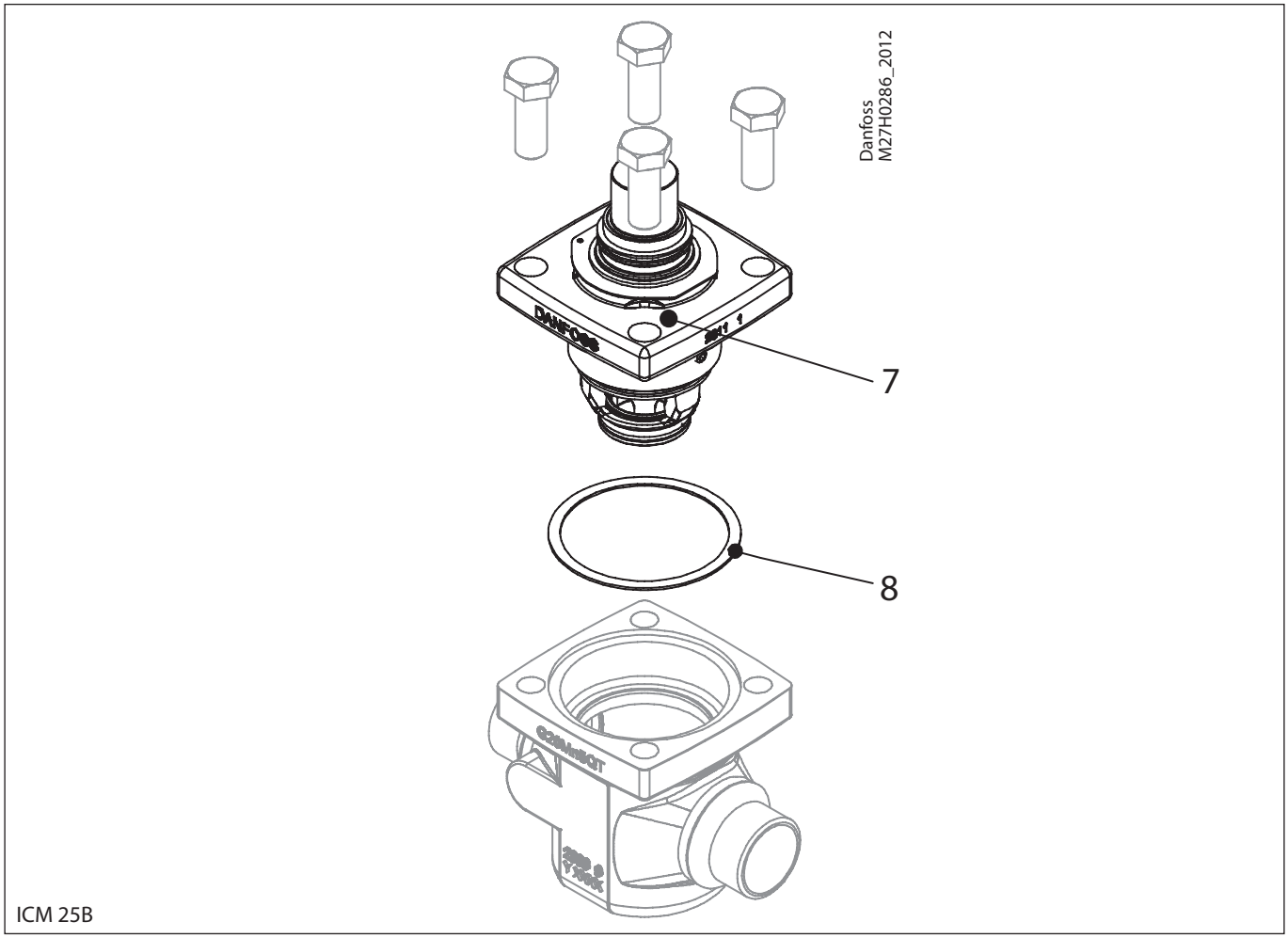
Overhaul kit | Code number 027H2180
ICM, size 25A



ICM 25A

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

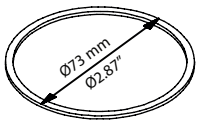
Overhaul kit | Code number 027H2181
ICM, size 25B



ICM 25B

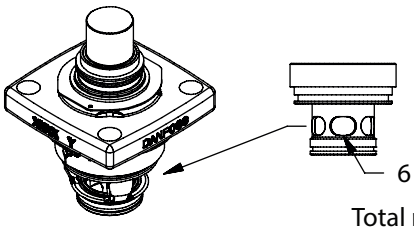
8

= Fibre



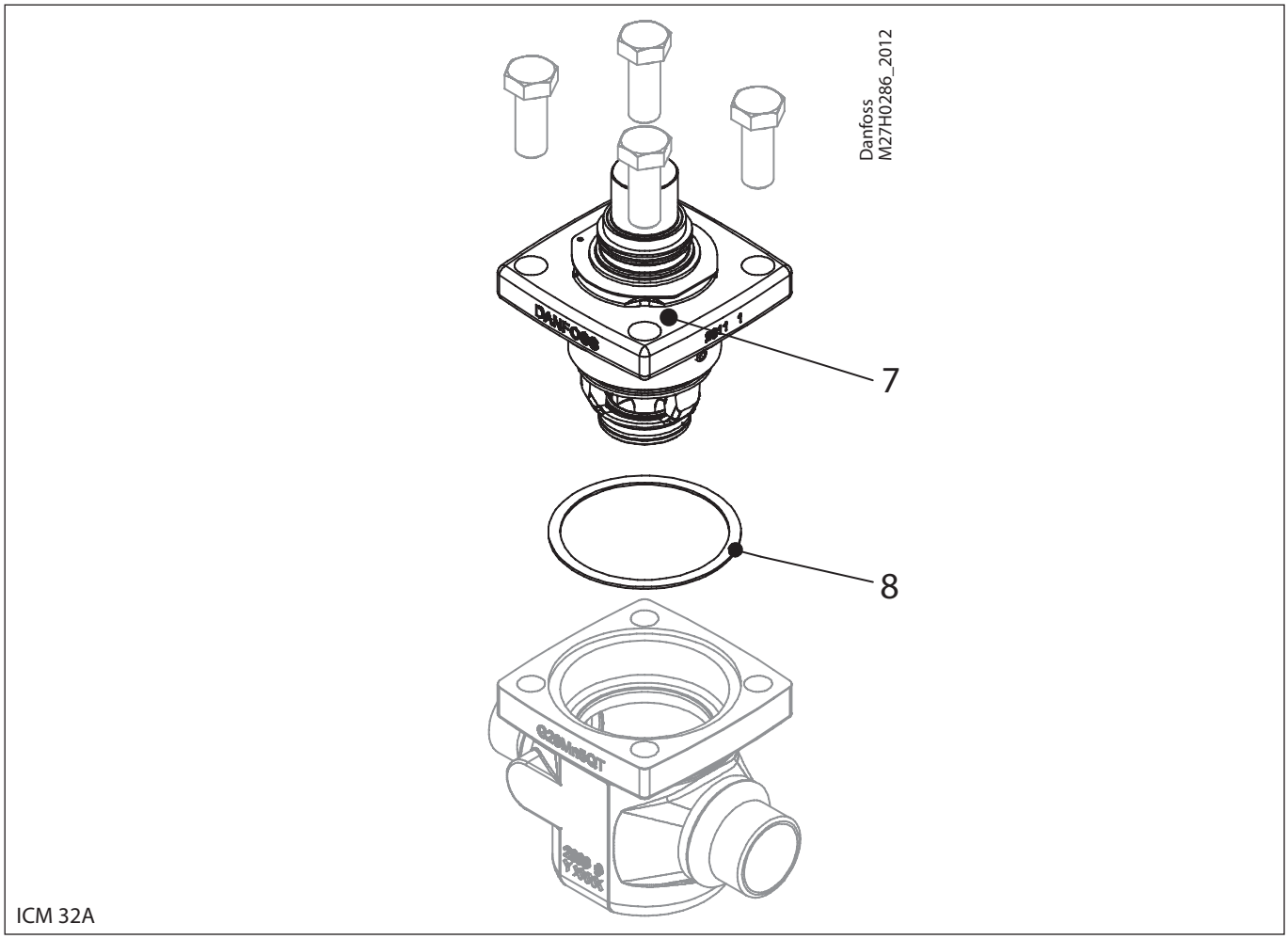
Total no. = 1

7



Total no. = 1

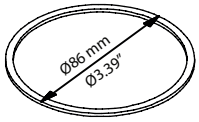
Overhaul kit | Code number 027H3180
ICM, size 32A



ICM 32A

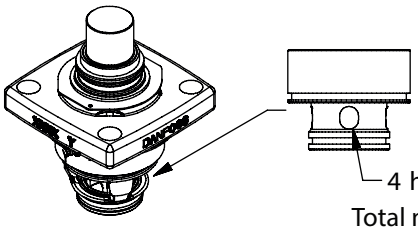
8

= Fibre



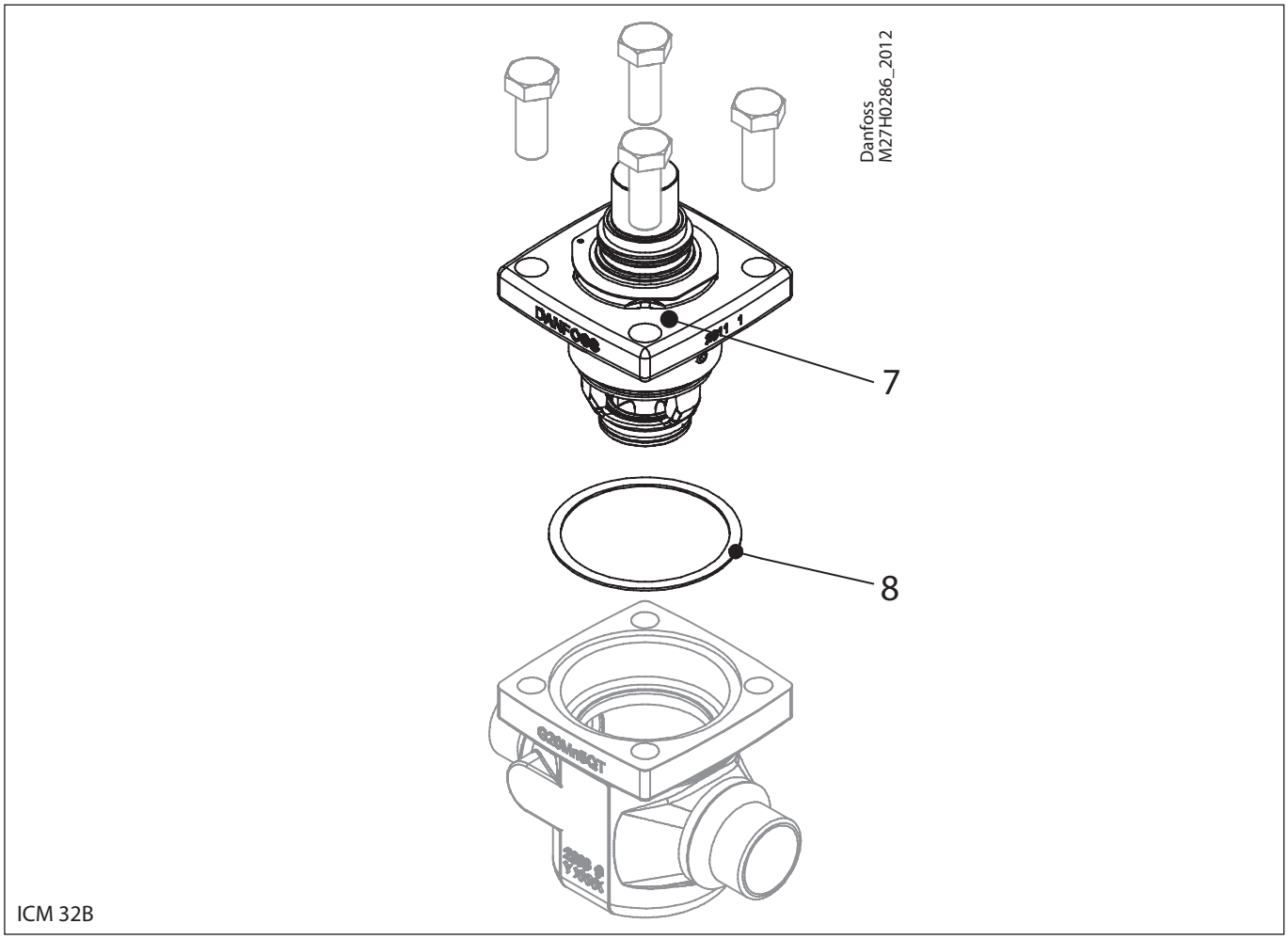
Total no. = 1

7



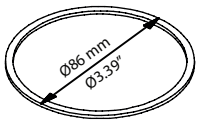
Total no. = 1

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



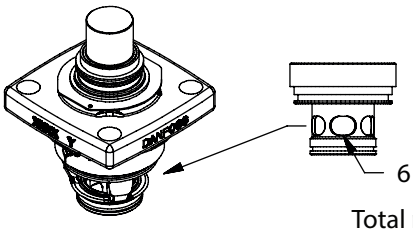
8

= Fibre



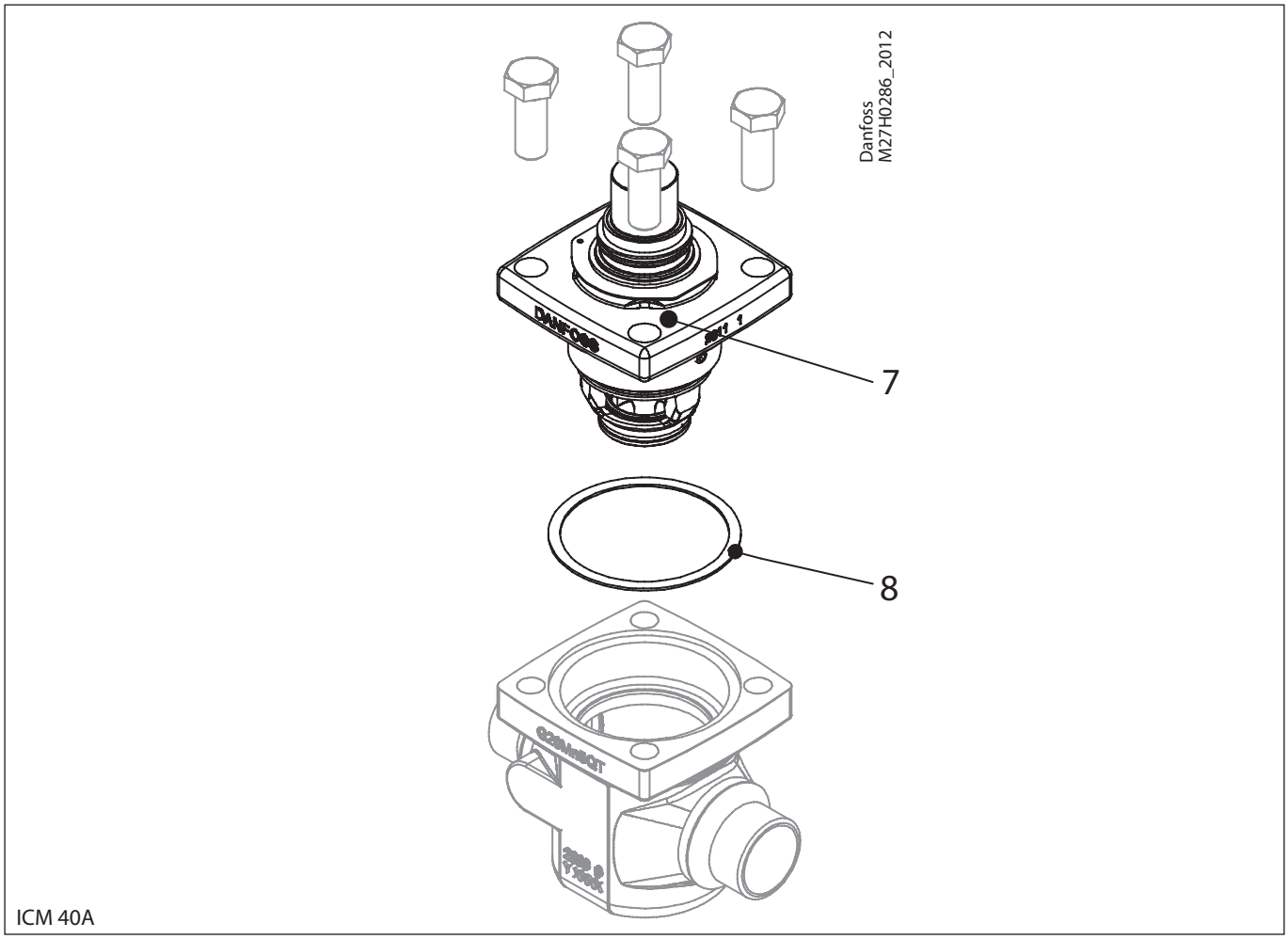
Total no. = 1

7

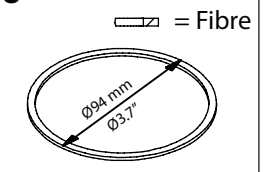


Total no. = 1

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

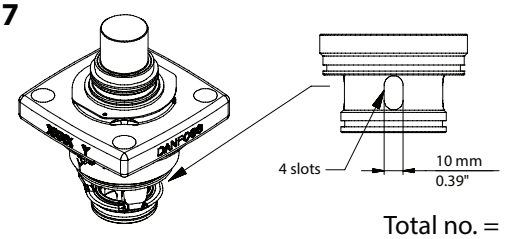


8



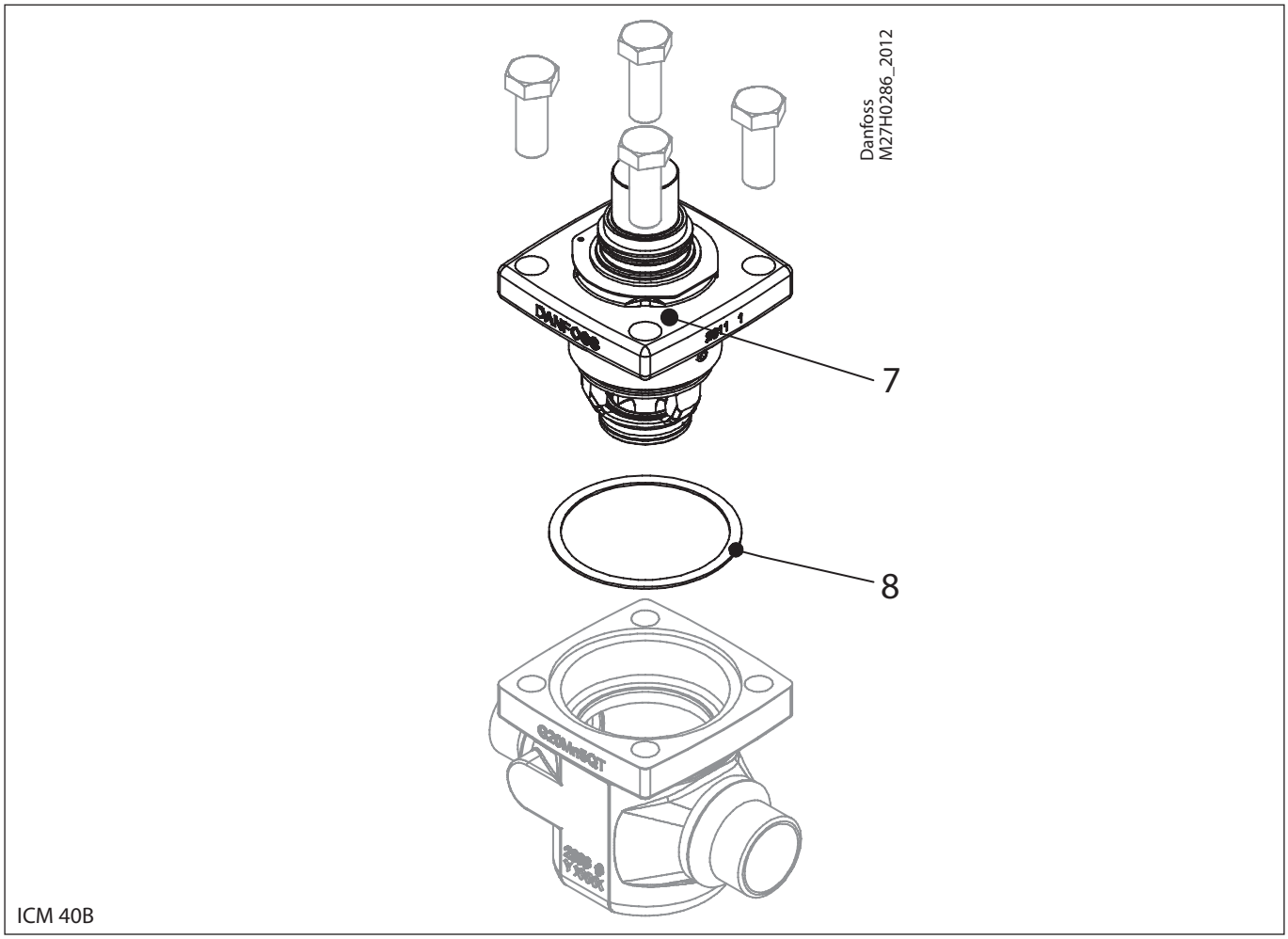
Total no. = 1

7



Total no. = 1

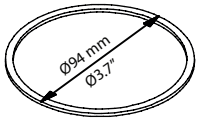
Overhaul kit | Code number 027H4181
ICM, size 40B



ICM 40B

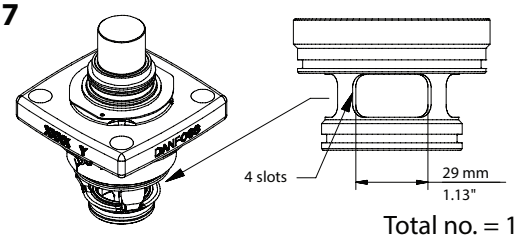
8

= Fibre



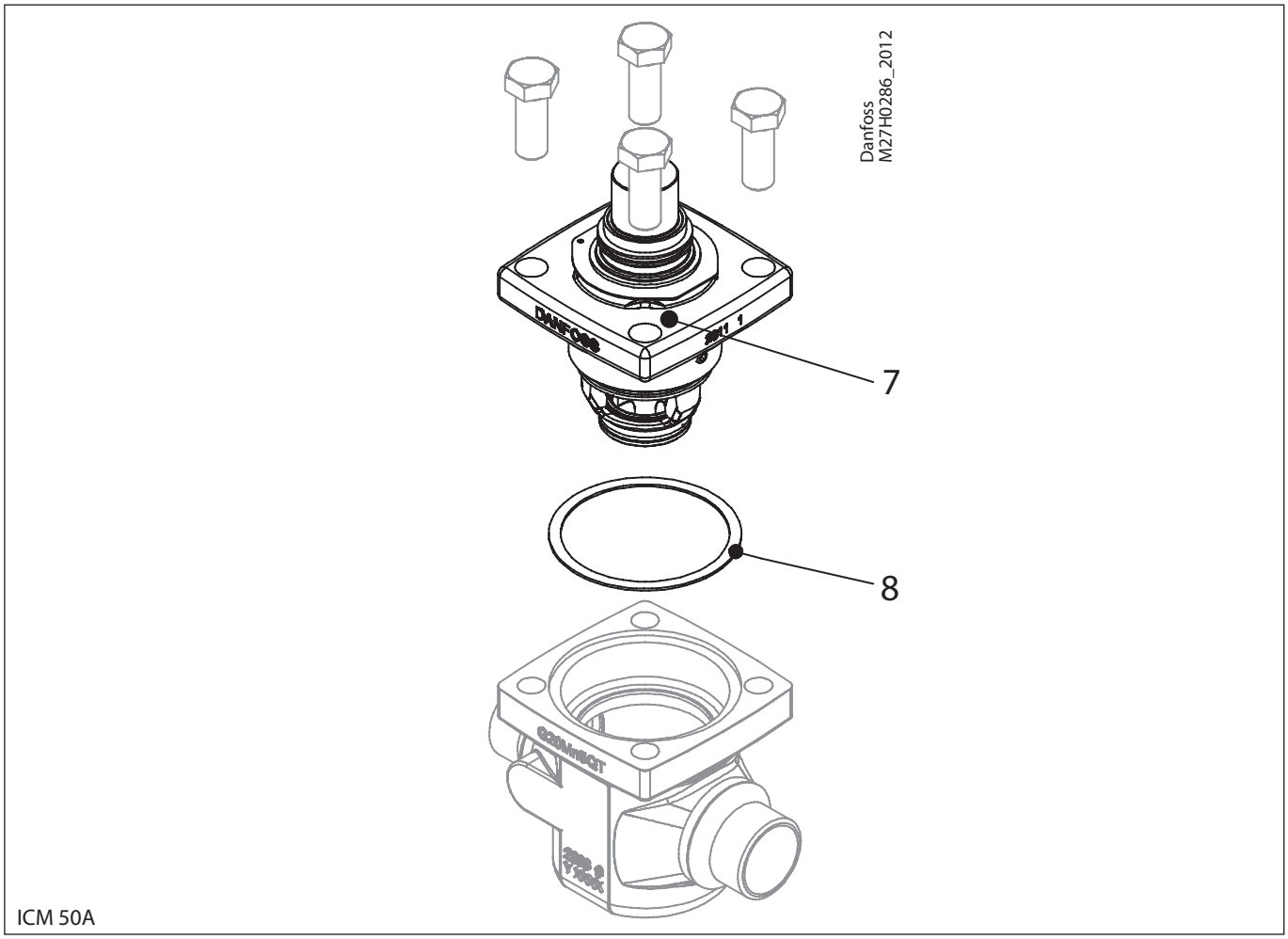
Total no. = 1

7



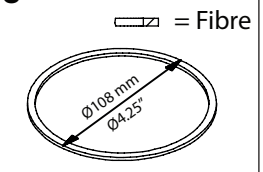
Total no. = 1

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



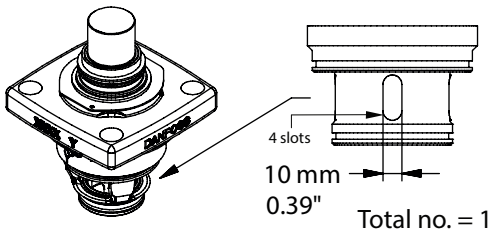
ICM 50A

8



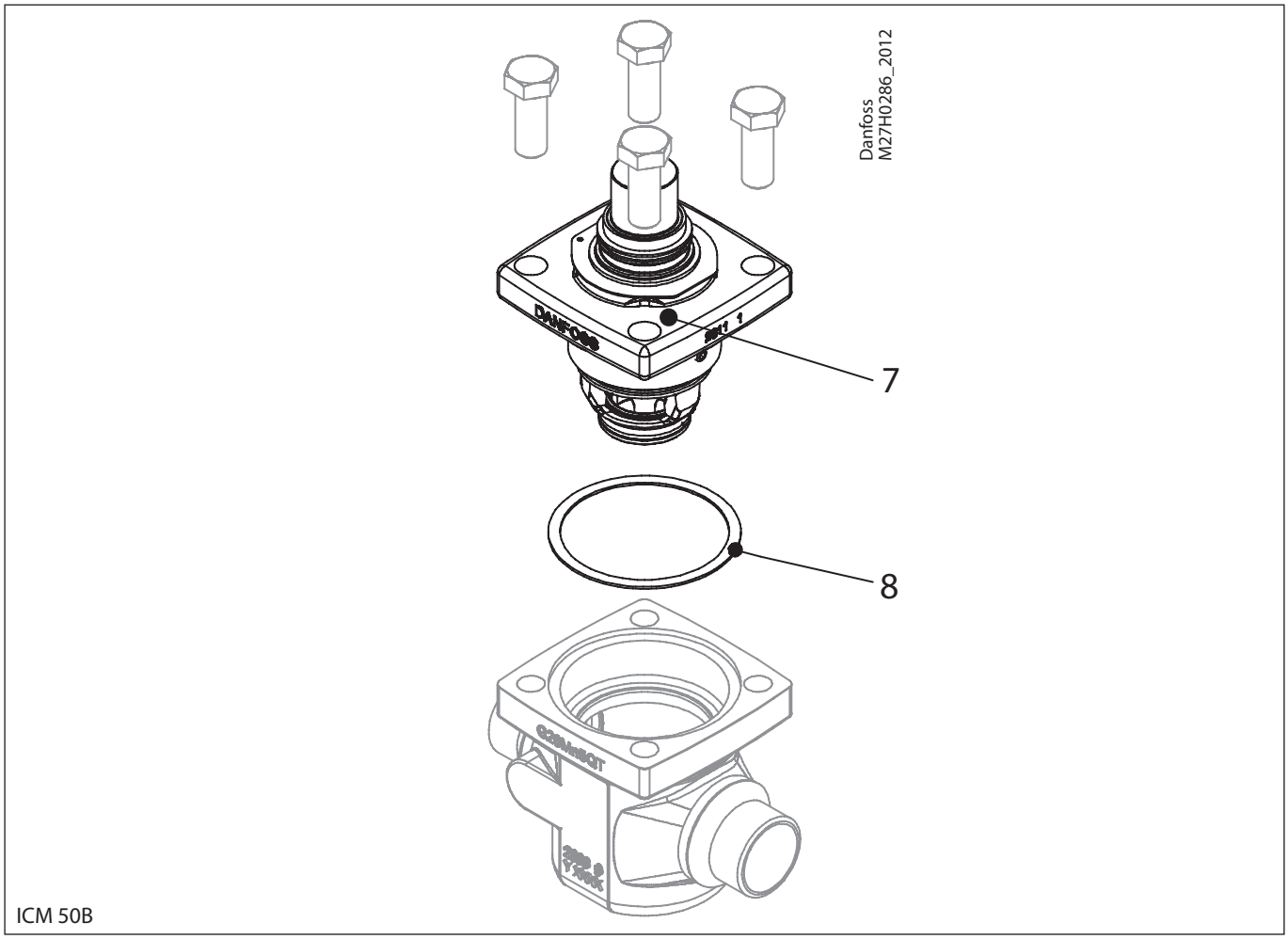
Total no. = 1

7



Total no. = 1

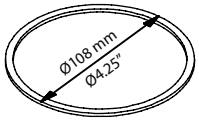
Overhaul kit | Code number 027H5181
ICM, size 50B



ICM 50B

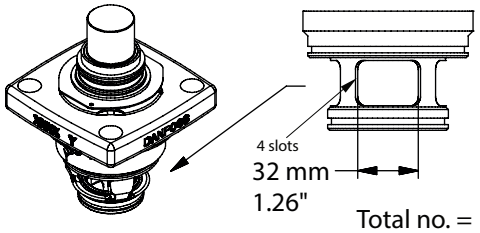
8

= Fibre



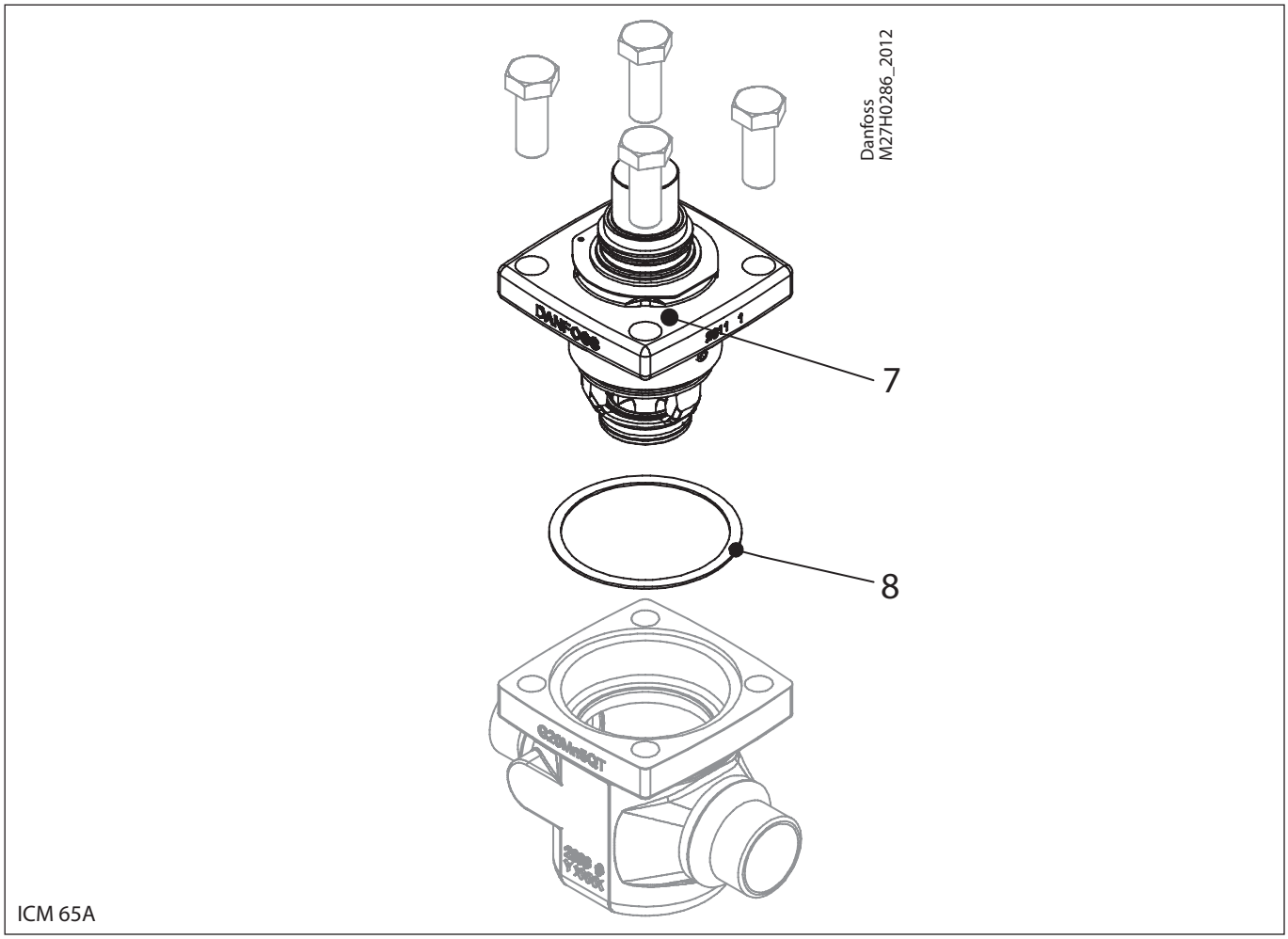
Total no. = 1

7



Total no. = 1

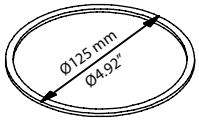
Overhaul kit | Code number 027H6180
ICM, size 65A



ICM 65A

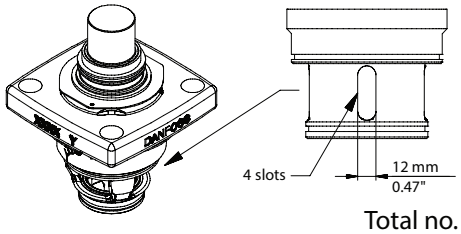
8

= Fibre



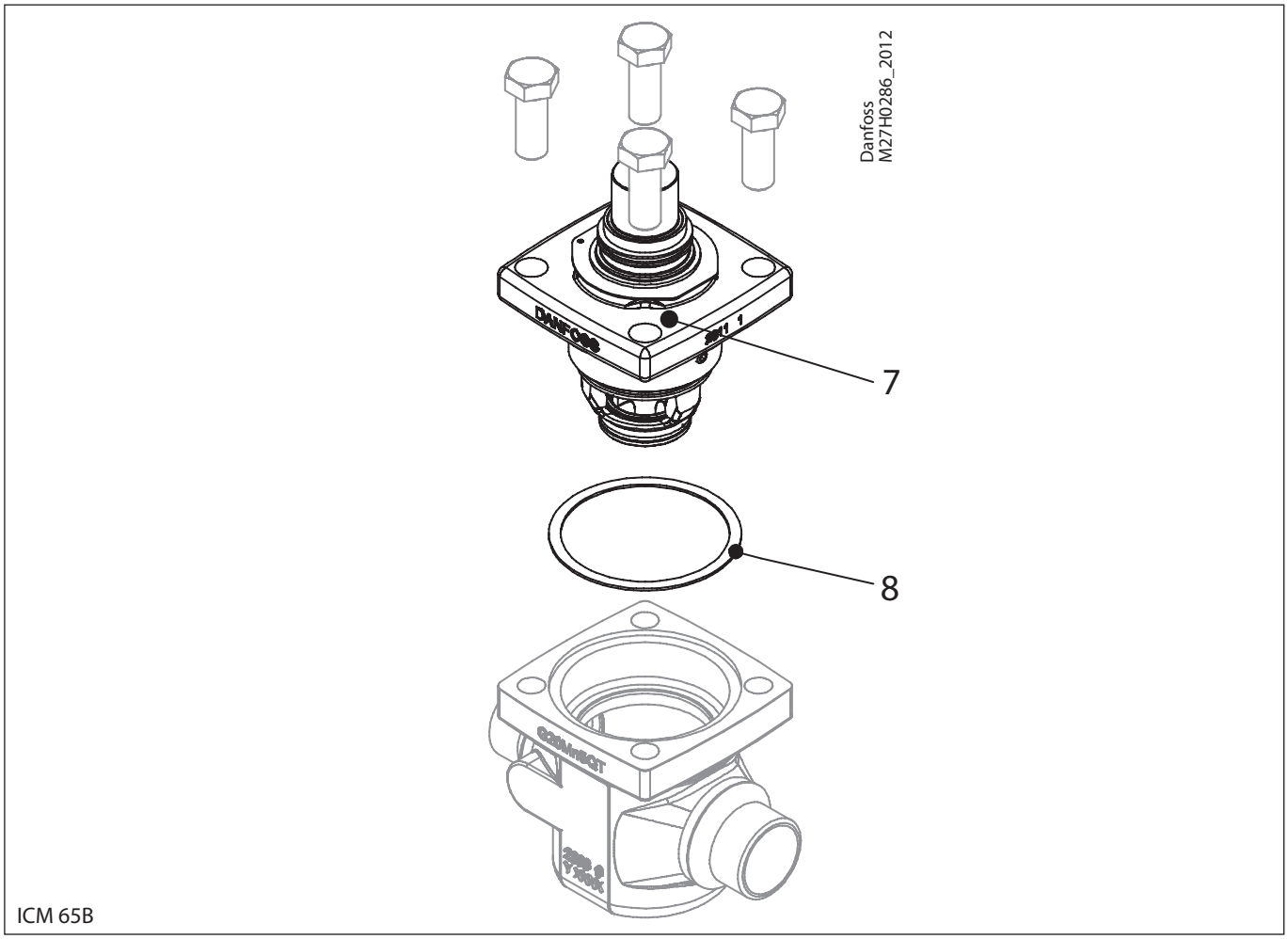
Total no. = 1

7

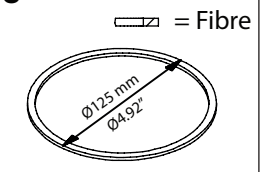


Total no. = 1

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

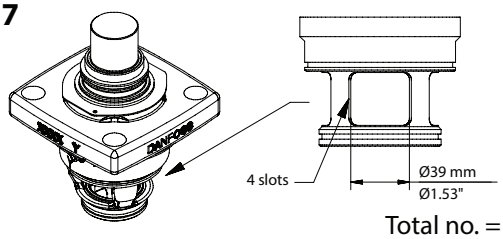


8



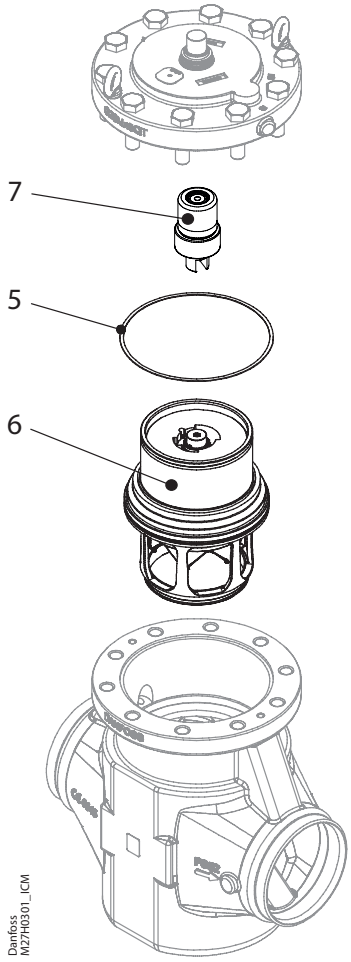
Total no. = 1

7

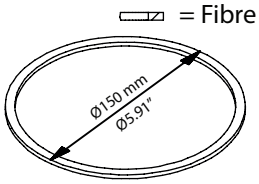
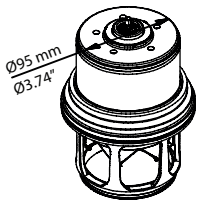
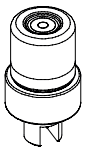


Total no. = 1

Overhaul kit | Code number 027H7136
ICM, size 100

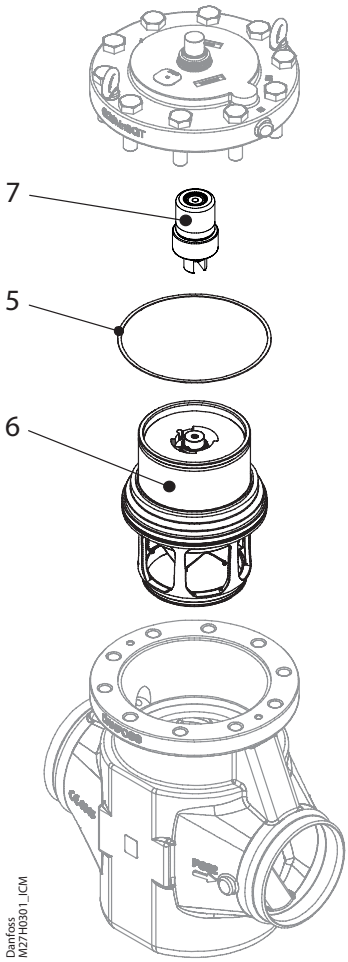


ICM 100

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 63.

Overhaul kit | Code number 027H7156
ICM, size 125

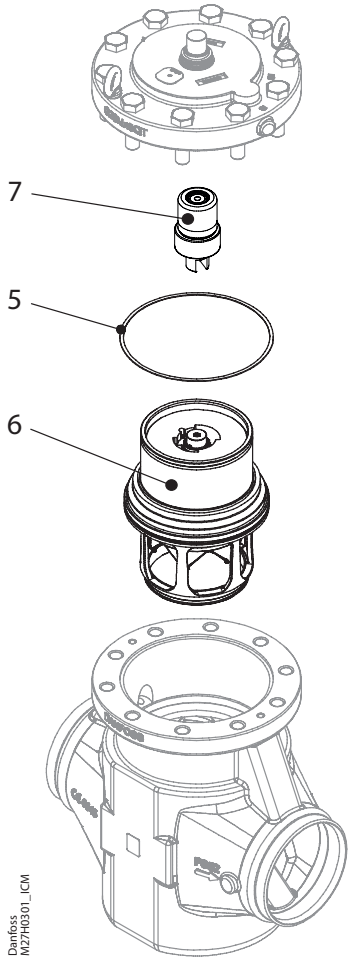


ICM 125

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

For a complete replacement of the ICM top cover including magnetic coupling and gasket; please see page 63.

Overhaul kit | Code number 027H7176
ICM, size 150

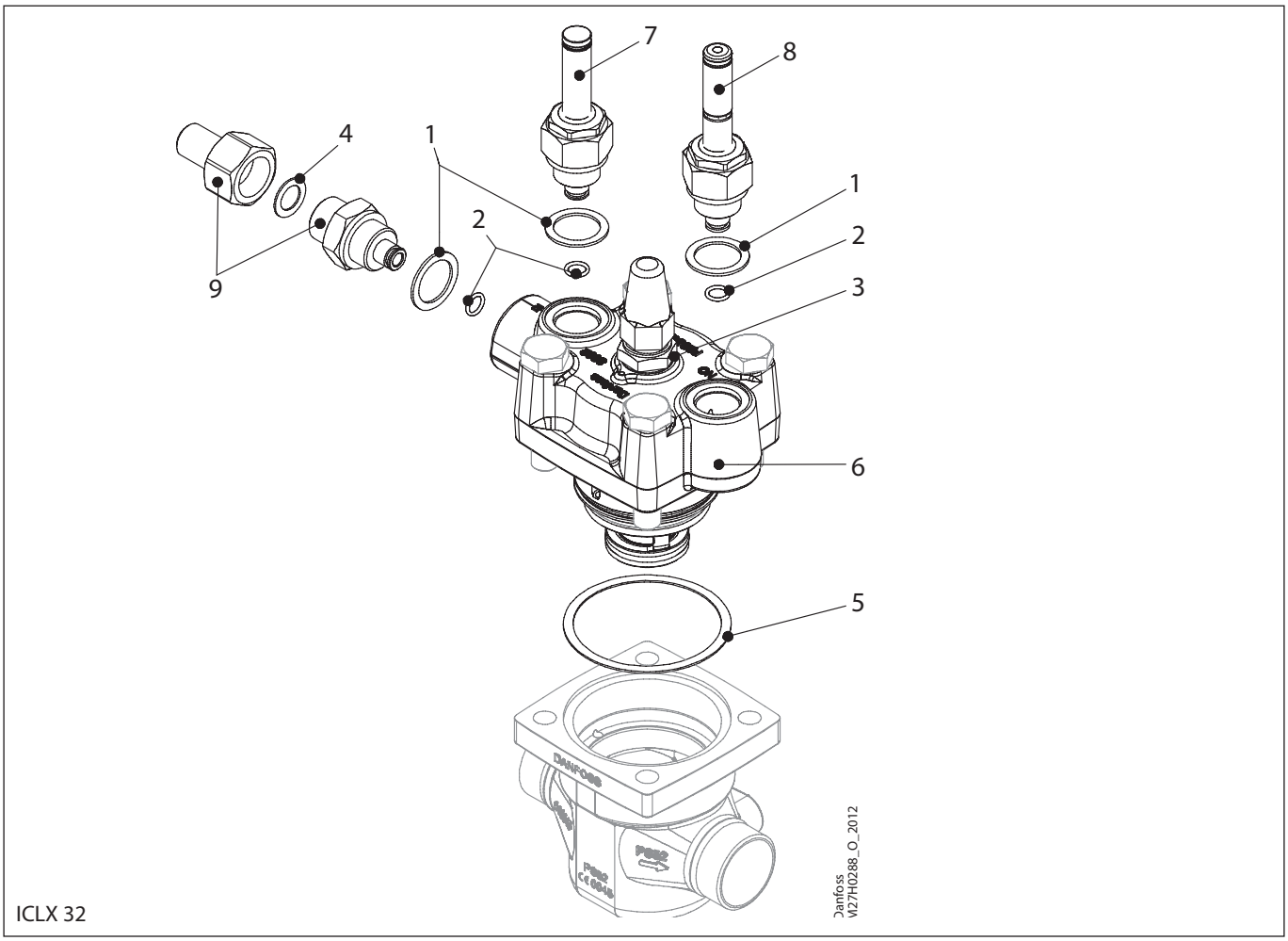


ICM 150

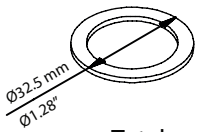
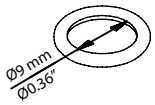
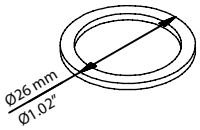
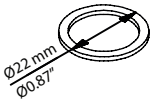
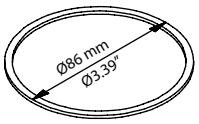
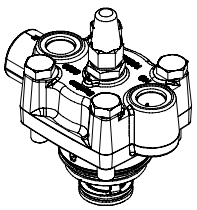
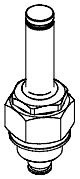
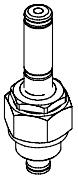
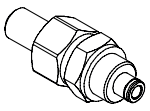
5	6	7	
= Fibre Ø220 mm Ø8.66" Total no. = 1	Ø150 mm Ø5.91" Total no. = 1	Total no. = 1	

For a complete replacement of the ICM top cover including magnetic coupling and gasket; please see page 63.

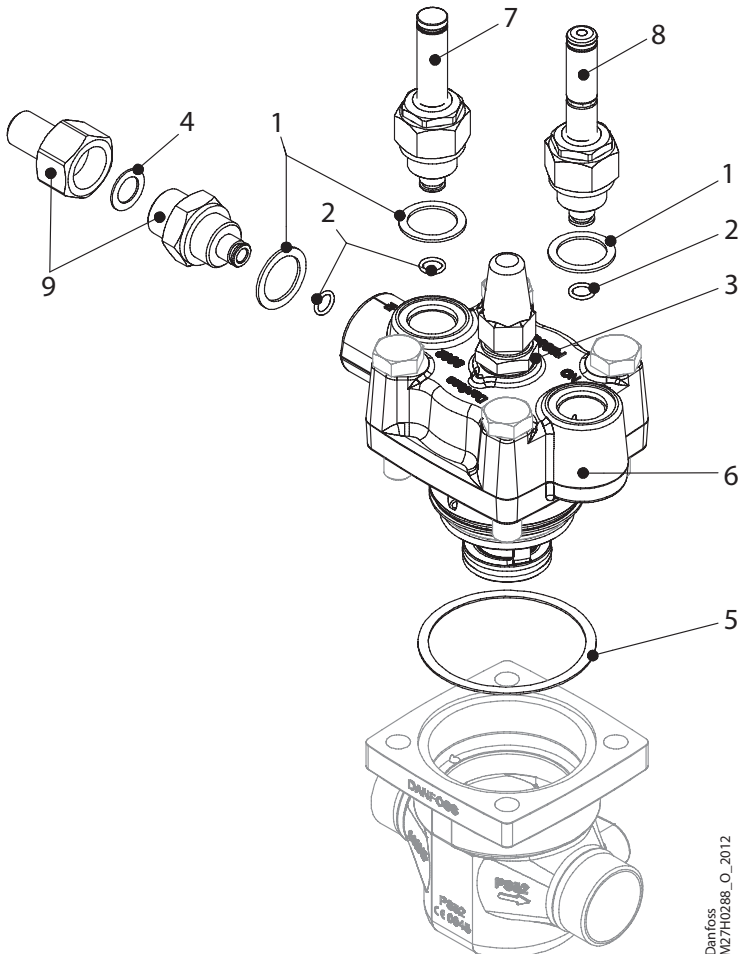
Overhaul kit | Code number 027H3204
ICLX, size 32



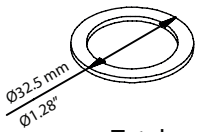
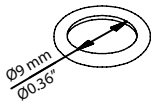
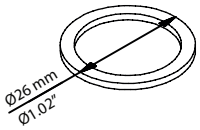
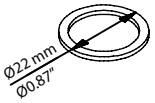
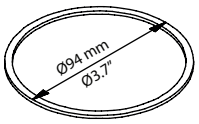
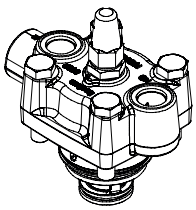
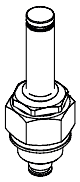
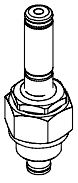
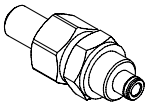
ICLX 32

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	

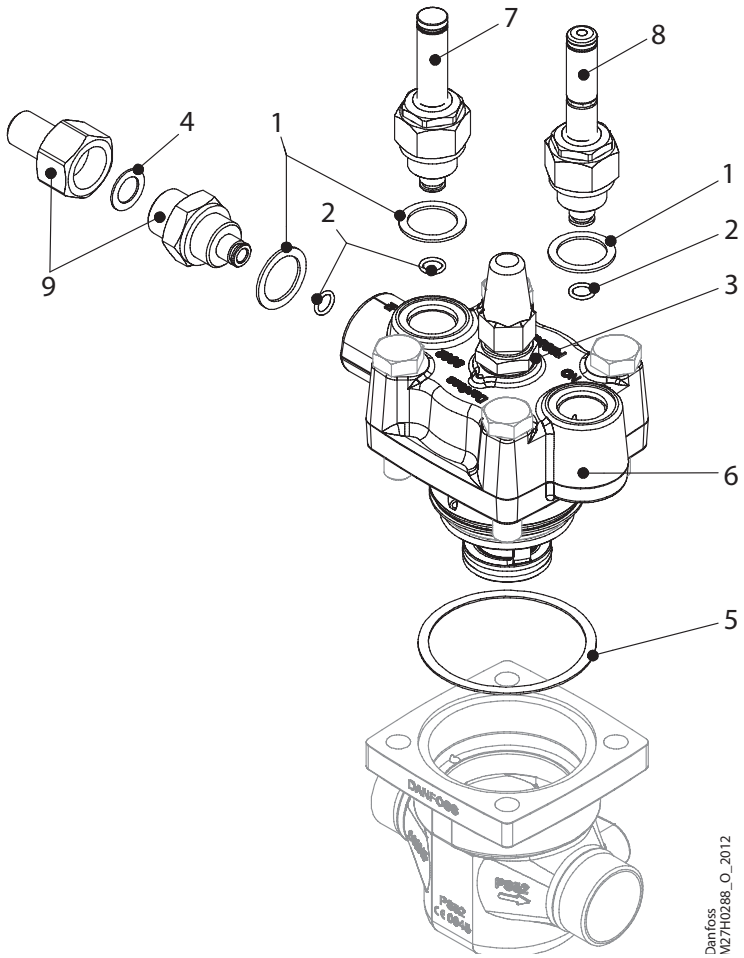
Overhaul kit | Code number 027H4204
ICLX, size 40



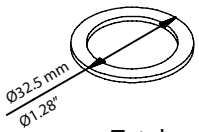
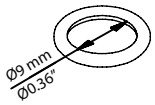
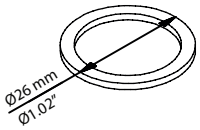
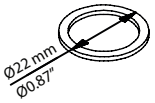
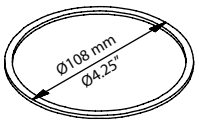
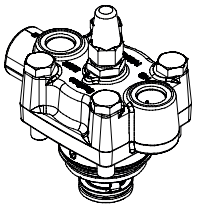
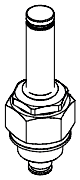
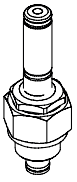
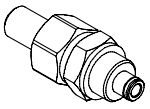
ICLX 40

1 = Fibre  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	

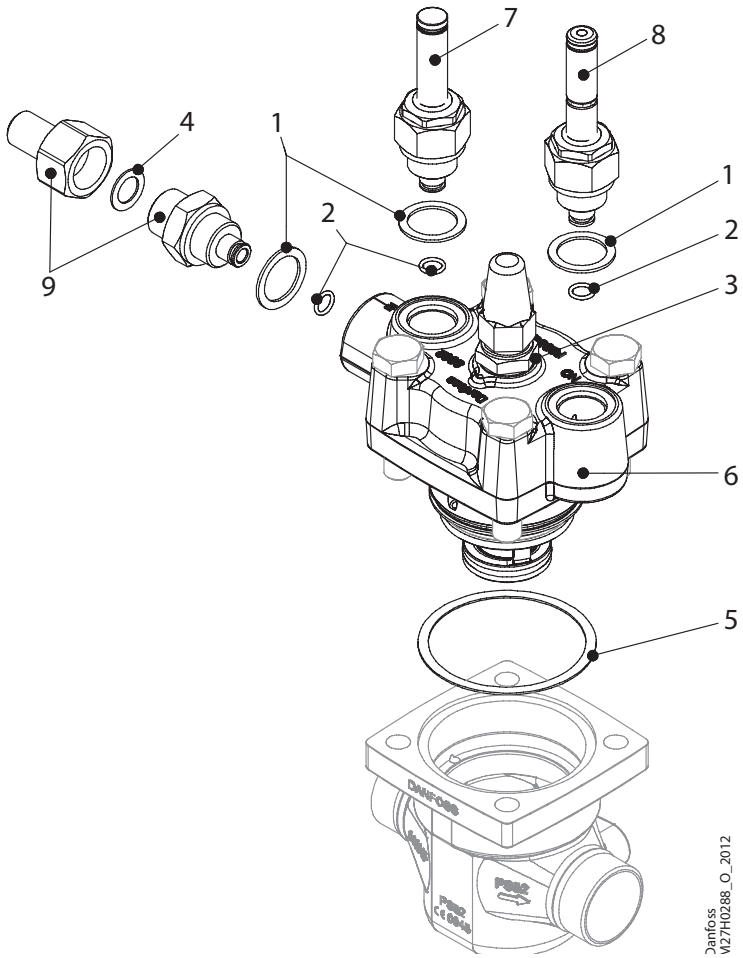
Overhaul kit | Code number 027H5204
ICLX, size 50



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**  Total no. = 1	**9**  Total no. = 1	

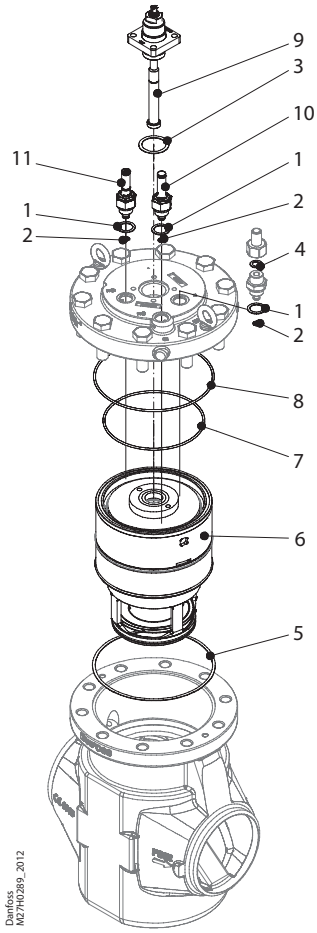
Overhaul kit | Code number 027H6204
ICLX, size 65/80



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	

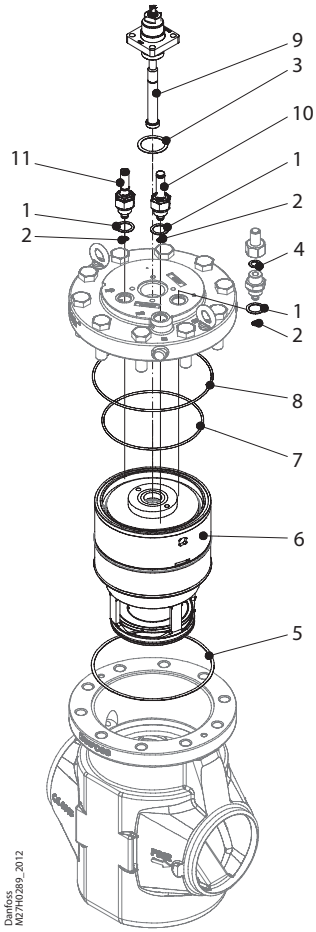
Overhaul kit | Code number 027H7221
ICLX, size 100



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				

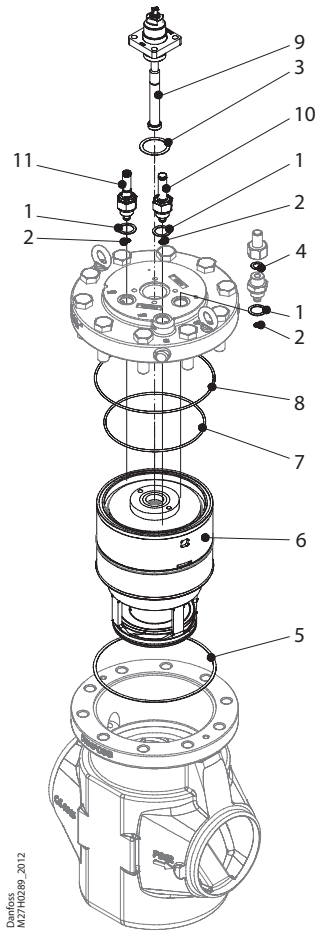
Overhaul kit | Code number 027H7222
ICLX, size 125



ICLX 125

1 = Fibre Ø32.5 mm Ø1.28" Total no. = 3	**2** Ø9 mm Ø0.36" Total no. = 3	**3** = Fibre Ø54 mm Ø2.13" Total no. = 1	**4** = Alu. Ø22 mm Ø0.87" Total no. = 1	**5** = Fibre Ø178 mm Ø7.01" Total no. = 1
6 Ø166 mm Ø6.54" Total no. = 1	**7** Ø133 mm Ø5.24" Total no. = 1	**8** Ø165 mm Ø6.5" Total no. = 1	**9** Total no. = 1	**10** Total no. = 1
11 Total no. = 1				

Overhaul kit | Code number 027H7223
ICLX, size 150

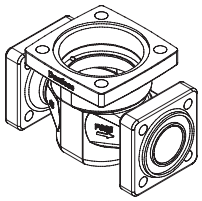


ICLX 150

1 = Fibre Ø32.5 mm Ø1.28" Total no. = 3	**2** Ø9 mm Ø0.36" Total no. = 3	**3** = Fibre Ø54 mm Ø2.13" Total no. = 1	**4** = Alu. Ø22 mm Ø0.87" Total no. = 1	**5** = Fibre Ø220 mm Ø8.66" Total no. = 1
6 Ø209 mm Ø8.23" Total no. = 1	**7** Ø165 mm Ø6.5" Total no. = 1	**8** Ø209 mm Ø8.23" 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

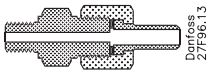


For ICS	Description	Code number
25	ICV 25 PM Valve housing	**027H2119** *)
32	ICV 32 PM Valve housing	**027H3129** *)
40	ICV 40 PM Valve housing	**027H4128** *)
50	ICV 50 PM Valve housing	**027H5127** **)
65	ICV 65 PM Valve housing	**027H6128** **)
25	ICV 25 (H)A4A Valve housing	**027H2304** *)
32	ICV 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.

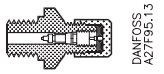
Function modules and top covers must be ordered separately.

Pressure gauge connection (weld / solder).



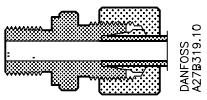
Descripion	Code number
∅ 6.5 mm / ∅ 10 mm (∅ 0.26 in. / ∅ 0.39 in.) weld / solder	**027B2035**

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



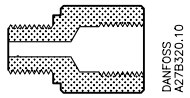
Descripion	Code number
¼ in. flare	**027B2041**

Pressure gauge connection (cutting ring).



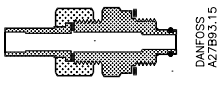
Descripion	Code number
Cutting ring connection, 6 mm	**027B2063**
Cutting ring connection, 10 mm	**027B2064**

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**

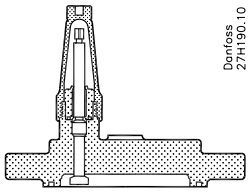
Accessories
for ICS pilot operated servo valve

Multi-function tool

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

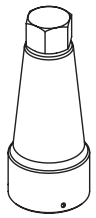
The multi-funktion tool can be used for:
- Removing the ICS function module
- Operating the manual spindle

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**

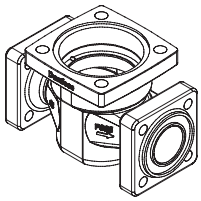
Cap including gasket



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** **)

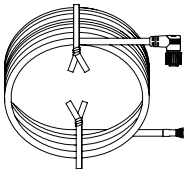
*) Includes valve housing, flange gaskets and flange bolts.
**) Includes valve housing, flange gaskets, flange bolts and flange nuts.

Function modules and top covers must be ordered separately.

ICAD-UPS

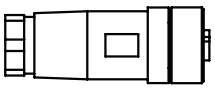
Descripion	Code number
ICAD-UPS	**027H0388**

Cable for ICAD 600A/1200A



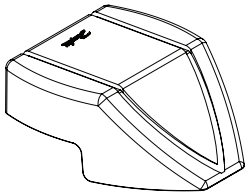
Description	Code number
Cable set 1.5 m, female	**027H0426**
Cable set 3 m, female	**027H0438**
Cable set 10 m, female	**027H0427**
Cable set 15 m, female	**027H0435**

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**

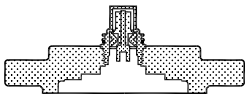
Accessories
for ICM Motor operated valve and ICAD Actuator

Multi-function tool

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

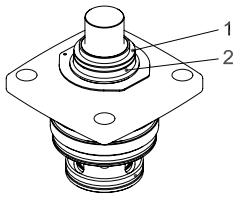
The multi-funktion tool can be used for:
- Removing the ICS function module
- Operating the manual spindle

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**

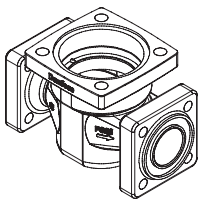
Installation kit for ICAD



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

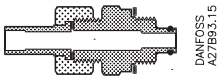


For ICS	Description	Code number
32	ICV 32 PM Valve housing	**027H3129 *)**
40	ICV 40 PM Valve housing	**027H4128 *)**
50	ICV 50 PM Valve housing	**027H5127 **)**
65	ICV 65 PM Valve housing	**027H6128 **)**
32	ICV 32 A4A Valve housing	**027H3130 *)**
32	ICV 32 HA4A Valve housing	**027H3131 *)**
40	ICV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

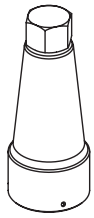
Function modules and top covers must be ordered separately.

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**

Any information, including, but not limited to information on selection of product, its application or use, product design, weight, dimensions, capacity or any other technical data in product manuals, catalogues descriptions, advertisements, etc. and whether made available in writing, orally, electronically, online or via download, shall be considered informative, and is only binding if and to the extent, explicit reference is made in a quotation or order confirmation. Danfoss cannot accept any responsibility for possible errors in catalogues, brochures, videos and other material.
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