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EU DECLARATION OF CONFORMITY
Danfoss A/S

Refrigeration & Air Conditioning Controls

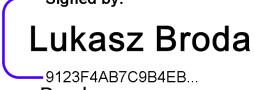
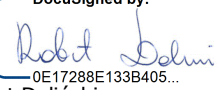
declares under our sole responsibility that the

Product category: Industrial refrigeration valves

Type designation(s): SVA-S - SVA-L - REG-SA - REG-SB - SCA-X - CHV-X - FIA - SVA-DH - SVA-DL - SVL-F - CSV - NRVA - DSV - AKS38 - ORV - SVA-HL - SVA-S SS - REG-SA SS - REG-SB SS - SCA-X SS - CHV-X SS - FIA-SS - SFA – SFV - BSV - POV - SV - ICV - PM - ICM - ICS - ICF - ICL - ICLX – ICSH - ICC - ICD – ICMTS 50/80 - KDC - GVD – HFI - PMFL/H – EVRA – EVR-OFC – FIA-140B – SVA-140B – SVA-65BT – LCE – DCR – CHV-140B

Valve group	Types	DN	PS (bar)	Ts (°C)	Fluid Group	PED category	Module	Certificate-no.					
Shut off valve Regulating valve Stop/Check valve Check valve Filters	SVA-S SVA-L REG-SA REG-SB SCA-X CHV-X FIA	32-100	52	-60°/+150°	1 and 2	II	D1	D1: 0045/202/9120/Z/00447/ 25/D/001(00)					
			65	-60°/+150°									
		125-200	52	-60°/+150°	1 and 2	III	H		H: 0045/202/9120/Z/00450/ 25/D/001(00)				
			65	-60°/+150°									
	SVA-DL SVA-DH	250	36	-90°/+60°	1 and 2	III	H	H: 0045/202/9120/Z/00450/ 25/D/001(00)					
			40	-60°/+60°									
			36	60°/+80°									
			32	80°/+120°									
			28	120°/+150°									
			300	36					-90°/+60°	1 and 2	IV	B+D	B: 0045/202/1201/Z/00423/ 19/D/001(00) D: 0045/202/9120/Z/00448/ 25/D/001(00)
				40					-60°/+60°				
				36					60°/+80°				
	32	80°/+120°											
			28	120°/+150°									

Classified as Business

Date: 2025.10.23 Place of issue: Grodzisk Mazowiecki, Poland	Issued by: Signed by:  Signature: 9123F4AB7C9B4EB... Name: Łukasz Broda Title: Design Engineer	Date: 2025.10.23 Place of issue: Grodzisk Mazowiecki, Poland	Approved by: DocuSigned by:  Signature: 0E17288E133B405... Name: Robert Dolinski Title: Head of Engineering & Manufacturing Technology
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Danfoss only vouches for the correctness of the English version of this declaration. In the event of the declaration being translated into any other language, the translator concerned shall be liable for the correctness of the translation.



Valve group	Types	DN	PS (bar)	Ts (°C)	Fluid Group	PED category	Module	Certificate-no.
Regulating valve Stop/Check valve Check valve	REG-SA SS	32-40	52	-60°/+150°	1 and 2	II	D1	D1: 0045/202/9120/Z/00447/ 25/D/001(00)
	REG-SB SS	32-40						
	SCA-X SS	32-65						
	CHV-X SS	32-40						
Shut off valve	SVA-65BT	50-100	65	0°/+190°	1 and 2	II	D1	D1: 0045/202/9120/Z/00447/ 25/D/001(00)
Shut off valve	SVA-S SS	32-65	52	-60°/+150°	1 and 2	II	D1	D1 0045/202/9120/Z/00447/ 25/D/001(00)
		80-100	50					
		125-150	50			III	H	H: 0045/202/9120/Z/00450/ 25/D/001(00)
Filters	FIA	250	36	-90°/+60°	1 and 2	III	H	H: 0045/202/9120/Z/00450/ 25/D/001(00)
			40	-60°/+60°				
			36	60°/+80°				
			32	80°/+120°				
			28	120°/+150°				
		300	36	-90°/+60°	1 and 2	IV	B+D	B: 0045/202/1201/Z/00424/ 19/D/001(00) D: 0045/202/9120/Z/00448/ 25/D/001(00)
			40	-60°/+60°				
			36	60°/+80°				
			32	80°/+120°				
			28	120°/+150°				
Filters	FIA SS	32-65	52	-60°/+150°	1 and 2	II	D1	D1: 0045/202/9120/Z/00447/ 25/D/001(00)
Shut off valve	SVA-HL	32-100	52	-60°/+150°	1 and 2	II	D1	D1: 0045/202/9120/Z/00447/ 25/D/001(00)
		125-150				III	H	H: 0045/202/9120/Z/00450/ 25/D/001(00)
Refrigerant Safety valve	SFA 10	** d ₀ = 6,8	65	-50° / +200°*	1 and 2	IV	B+D	B:0045/202/1201/Z/006 62/19/D/001(02) D:0045/202/9120/Z/004 48/25/D/001(00)
	SFA 15	** d ₀ = 13	40	-50°/+100°	1 and 2	IV	B+D	B:0045/202/9120/Z/000 55/24/D/000(01) D:0045/202/9120/Z/004 48/25/D/001(00)
	SFV 20-25	** d ₀ = 18 d ₀ = 23	25	-50°/+100°	1 and 2	IV	B+D	B:0045/202/1204/Z/005 27/21/D/001(00) D:0045/202/9120/Z/004 48/25/D/001(00)
	BSV 8	** d ₀ = 8	25	-50°/+100°	1 and 2	IV	B+D	B:0045/202/1204/Z/005 26/21/D/001(00) D:0045/202/9120/Z/004 48/25/D/001(00)



Valve group	Types	DN	PS (bar)	Ts (°C)	Fluid Group	PED category	Module	Certificate-no.
Refrigerant regulation valve, with straight bonnet arrangement	ICV-PM	32-80	28	-60°/+120°	1 and 2	II	D1	D1: 0045/202/9120/Z/00447 /25/D/001(00)
	PM							
	PMFL/H							
	ICM ICS ICL ICLX	32-100	52/65	-60°/+120° -60°/+150°	1 and 2	II	D1	D1: 0045/202/9120/Z/00447 /25/D/001(00)
	ICSH	32-80	52/65	-60°/+120°	1 and 2	II	D1	D1: 0045/202/9120/Z/00447 /25/D/001(00)
	ICC	32-65	52	-60°/+120°	1 and 2	II	D1	D1: 0045/202/9120/Z/00447 /25/D/001(00)
	ICD	32-65	52	-60°/+150°	1 and 2	II	D1	D1: 0045/202/9120/Z/00447 /25/D/001(00)
	ICF	27-80	52/65	-60°/+120° -60°/+150°	1 and 2	II	D1	D1: 0045/202/9120/Z/00447 /25/D/001(00)
	ICF-SS	32-40	52	60°/+120°	1 and 2	II	D1	D1: 0045/202/9120/Z/00447 /25/D/001(00)
ICM ICS ICLX	125-150	52/65	-60°/+120°	1 and 2	III	H	H: 0045/202/9120/Z/00450 /25/D/001(00)	
High pressure float valve	HFI	100-150	25	-50°/+80°	1 and 2	III	H	H: 0045/202/9120/Z/00450 /25/D/001(00)
Change over valve	DSV	32	40	-50°/+100°	1 and 2	II	D1	D1: 0045/202/9120/Z/00447 /25/D/001(00)
Pilot operated internal safety valve	POV 600, 1050, 2150	40-80	40	-50°/+150°	1 and 2	II	D1	D1: 0045/202/9120/Z/00447 /25/D/001(00)
Refrigerant float valve	SV 1-3	-	28	-50°/+65°	1 and 2	I	A	-
	SV 4-6	-	28	-50°/+120°	1 and 2	II	D1	D1: 0045/202/9120/Z/00447 /25/D/001(00)
Compressor stop valve	CSV	50-100	40	-50°/+150°	1 and 2	II	D1	D1: 0045/202/9120/Z/00447 /25/D/001(00)
			52/65	-60°/+150° -60°/+200°				
		125	40	-50°/+150°	1 and 2	III	H	H: 0045/202/9120/Z/00450/ 25/D/001(00)
			52/65	-60°/+150° -60°/+200°				



Valve group	Types	DN	PS (bar)	Ts (°C)	Fluid Group	PED category	Module	Certificate-no.
Float switch	AKS 38	32	28	-50°/+65°	1 and 2	I	A	-
Refrigerant discharge check valve	KDC GVD	65-100	40/52/ 65	-60°/+150°	1 and 2	II	D1	D1: 0045/202/9120/Z/00447 /25/D/001(00)
		125-200			1 and 2	III	H	H: 0045/202/9120/Z/00450 /25/D/001(00)
Check valve	NRVA	32-65	40	-50°/+140°	1 and 2	II	D1	D1: 0045/202/9120/Z/00447 /25/D/001(00)
Motor operated valves	ICMTS 50/80	50 – 80	140	-60°/+150°	2	I	A	-
Oil regulating valve	ORV	32-80	40	-10°/+110°	1 and 2	II	D1	D1: 0045/202/9120/Z/00447 /25/D/001(00)
Solenoid valve	EVRA	32-40	42	-40°/+105°	1 and 2	II	D1	D1: 0045/202/9120/Z/00447 /25/D/001(00)
Solenoid valve	EVR	32-40	42	-40°/+105°	2	I	A	-
Electric expansion valves	AKVA	32 - 40	42	-40°/+105°	1 and 2	II	D1	D1: 0045/202/9120/Z/00447 /25/D/001(00)
Shut off valve Regulating valve Stop/Check valve Check valve Filters with F connection	SVA- F REG- F SCA- F CHV- F FIA - F	32-50, 80	52	-60°/+150°	1 and 2	II	D1	D1: 0045/202/9120/Z/00447 /25/D/001(00)
		65, 100	52	-60°/+100°	1 and 2	II	D1	D1: 0045/202/9120/Z/00447 /25/D/001(00)
			45	+100°/+150°				
		125	43	-60°/-40°	1 and 2	III	H	H: 0045/202/9120/Z/00450 /25/D/001(00)
			52	-40°/+50°				
			42	+50°/+100°				
		36	+100°/+150°					
		150	25	-60°/+150°	1 and 2	III	H	H: 0045/202/9120/Z/00450 /25/D/001(00)
200	25	-60°/+100°	1 and 2	III	H	H: 0045/202/9120/Z/00450 /25/D/001(00)		
	23	+100°/+150°						
Check and Stop valve	OFC	50-100	23	0°/+100	2	I	A	-
Shut off valve	OFB	50-100	23	0°/+100	2	I	A	-
Filters	FIA-140B	50-100	140	-40°/+150°	2	I	A	-
Check valve	CHV-140B	40-100	140	-40°/+150°	2	I	A	-
Shut off valve	SVA-140B	50-100	140	-40°/+150°	2	I	A	-
Filters	FIA-140B	125-150	140	-40°/+150°	2	II	D1	D1: 0045/202/9120/Z/00447 /25/D/001(00)
Shut off valve	SVA-140B	125-150	140	-40°/+150°	2	II	D1	D1: 0045/202/9120/Z/00447 /25/D/001(00)
Large Ejector CO2	LCE	40-65	140	-30°/+80°	2	I	A	-



Valve group	Types	DN	PS (bar)	Ts (°C)	Fluid Group	PED category	Module	Certificate-no.
Filters	DCR 048	V = 2L	90	-55°/+100°	2	I	D1	D1: 0045/202/9120/Z/00447/25/D /001(00)
Filters	DCR 096	V = 4L	90	-55°/+100°	2	II	D1	D1: 0045/202/9120/Z/00447/25/D /001(00)

Covered by this declaration is in conformity with the following directive(s), standard(s) or other normative document(s), provided that the product is used in accordance with our instructions.

* -50 °C / max. +200 °C, depending on the selected SFA 10 in Catalog. Valid for TSmax are laser marked on valve bonnet and the operating instructions

** For Safety Valve d_0 is used, and not connection size DN.

Pressure Equipment Directive 2014/68/EU (PED)

ISO/EN 21922: 2021 Refrigerating systems and heat pumps. Valves. Requirements, testing and marking.

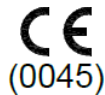
EN14276-1: 2020 Pressure equipment for refrigerating system and heat pumps – Part 1: Vessels-General requirements.

EN 378-2: 2016 Refrigerating systems and heat pumps. Safety and environmental requirements. Design, construction, testing, marking and documentation.

EN ISO 4126-1: 2013 Safety devices for protection against excessive pressure – part 1: safety valves

Name and Address of the Notified Body monitoring the Manufacturer's Quality Assurance System carried out the Inspection

TÜV-NORD Systems GmbH & Co. KG.
Grosse Bahnstrasse 31
22525 Hamburg, Germany



For Product Types: Actuator for ICM valves

Electromagnetic Compatibility Directive 2014/30/EU (EMC)

EN 61000-6-3: 2007 Electromagnetic compatibility (EMC). Generic standards. Emission standard for residential, commercial and light-industrial environments

EN 61000-6-2: 2005 Electromagnetic compatibility (EMC). Generic standards. Immunity for industrial environments