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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 - KDC - HFI - PMFL/H - EVRA

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	32-100	52	-60°/+150°	I	II	D1	D1: 0045/202/1204/Z/00354 /19/D/001(00)
			65	-60°/+150°				
	REG-SB SCA-X CHV-X FIA	125-200	52	-60°/+150°	I	III	H	H: 0045/202/1204/Z/00355 /19/D/001(00)
			65	-60°/+150°				
	SVA-DL SVA-DH	250	36	-90°/+60°	I	III	H	H: 0045/202/1204/Z/00355 /19/D/001(00)
			40	-60°/+60°				
			36	60°/+80°				
			32	80°/+120°				
			28	120°/+150°				
	300	300	36	-90°/+60°	I	IV	B+D	B: 0045/202/1201/Z/00423 /19/D/001(00)) D: 0045/202/1204/Z/00354 /19/D/001(00)
			40	-60°/+60°				
			36	60°/+80°				
			32	80°/+120°				
			28	120°/+150°				

Date: 2020.11.13 Place of issue: Kolding	Issued by  <b>Signature:</b>  <b>Name:</b> Per Brüggert <b>Title:</b> Design Engineer	Date: 2020.11.13 Place of issue:	Approved by  <b>Signature:</b>  <b>Name:</b> Jesper Kirkegaard <b>Title:</b> Engineering Director
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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 REG-SB SS SCA-X SS CHV-X SS	32-40	52	-60°/+150°	I	II	D1	D1: 0045/202/1204/Z/00354 /19/D/001(00)
Shut off valve	SVA-S SS	32-100	52	-60°/+150°	I	II	D1	D1: 0045/202/1204/Z/00354 /19/D/001(00)
		125				III	H	H: 0045/202/1204/Z/00355 /19/D/001(00)
Filters	FIA	250	36	-90°/+60°	I	III	H	H: 0045/202/1204/Z/00355 /19/D/001(00)
			40	-60°/+60°				
			36	60°/+80°				
			32	80°/+120°				
		300	28	120°/+150°	I	IV	B+D	B: 0045/202/1201/Z/00424 /19/D/001(00) D: 0045/202/1204/Z/00354 /19/D/001(00)
			36	-90°/+60°				
			40	-60°/+60°				
			36	60°/+80°				
			32	80°/+120°				
			28	120°/+150°				
Filters	FIA SS	32-65	52	-60°/+150°	I	II	D1	D1: 0045/202/1204/Z/00354 /19/D/001(00)
Shut off valve	SVA-HL	32-100	52	-60°/+150°	I	II	D1	D1: 0045/202/1204/Z/00354 /19/D/001(00)
		125-150				III	H	H: 0045/202/1204/Z/00355 /19/D/001(00)
Refrigerant Safety valve	SFA 10	6,8	65	-50° / +200°*	I	IV	B + D	B: 0045/202/1201/Z/00662 /19/D/001(01) D: 0045/202/1204/Z/00354 /19/D/001(00)
	SFA 15	13	40	-50°/+100°	I	IV	B+D	B: 07 202 1423 Z 0080/14/D/0120 D: 0045/202/1204/Z/00354 /19/D/001(00)
	SFV 20-25	18,23	25	-50°/+100°	I	IV	B+D	B: 07 202 1321 Z 0018/13/D/01 D: 0045/202/1204/Z/00354 /19/D/001(00)
	BSV	8	25	-50°/+100°	I	IV	B+D	B: 07 202 1321 Z 0007/12/ 01 D: 0045/202/1204/Z/00354 /19/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°	I	II	D1	D1: 0045/202/1204/Z/00354 /19/D/001(00)
	PM							
	PMFL/H							
	ICM ICS ICL ICLX	25-100	52/65	-60°/+120°	I	II	D1	D1: 0045/202/1204/Z/00354 /19/D/001(00)
	ICSH	25-80	52/65	-60°/+120°	I	II	D1	D1: 0045/202/1204/Z/00354 /19/D/001(00)
	ICC	32-65	52	-60°/+120°	I	II	D1	D1: 0045/202/1204/Z/00354 /19/D/001(00)
	ICD	32-65	52	-20°/+150°	I	II	D1	D1: 0045/202/1204/Z/00354 /19/D/001(00)
	ICF	27-80	65	-60°/+50°	I	II	D1	D1: 0045/202/1204/Z/00354 /19/D/001(00)
		27-80	52/65	-60°/+120°	I	II	D1	
		50-80	52	-60°/+120°	I	II	D1	
ICM ICS ICLX	125-150	52/65	-60°/+120°	I	III	H	H: 0045/202/1204/Z/00355 /19/D/001(00)	
High pressure float valve	HFI	100-150	25	-50°/+80°	I	III	H	H: 0045/202/1204/Z/00355 /19/D/001(00)
		100	40					
Change over valve	DSV	32	40	-50°/+100°	I	II	D1	D1: 0045/202/1204/Z/00354 /19/D/001(00)
Pilot operated internal safety valve	POV 600, 1050, 2150	40-80	40	-50°/+150°	I	II	D1	D1: 0045/202/1204/Z/00354 /19/D/001(00)

Valve group	Types	DN	PS (bar)	Ts (°C)	Fluid Group	PED category	Module	Certificate-no.
Refrigerant float valve	SV 1-3	-	28	-50°/+65°	I	I	A	-
	SV 4-6	-	28	-50°/+120°	I	II	D1	D1: 0045/202/1204/Z/00354 /19/D/001(00)
Compressor stop valve	CSV	50-100	40	-50°/+150°	I	II	D1	D1: 0045/202/1204/Z/00354 /19/D/001(00)
			52	-60°/+150°				
		125	40	-50°/+150°	I	III	H	H: 0045/202/1204/Z/00355 /19/D/001(00)
			52	-60°/+150°				
Float switch	AKS 38	32	28	-50°/+65°	I	I	A	-
Refrigerant discharge check valve	KDC	65-100	40/52	-60°/+150°	I	II	D1	D1: 0045/202/1204/Z/00354 /19/D/001(00)
		125-200			I	III	H	H: 0045/202/1204/Z/00355 /19/D/001(00)
Check valve	NRVA	32-65	40	-50°/+140°	I	II	D1	D1: 0045/202/1204/Z/00354 /19/D/001(00)
Oil regulating valve	ORV	32-80	40	-10°/+110°	I	II	D1	D1: 0045/202/1204/Z/00354 /19/D/001(00)
Solenoid valve	EVRA	32-40	42	-40°/+105°	I	II	D1	D1: 0045/202/1204/Z/00354 /19/D/001(00)
Shut off valve Regulating valve Stop/Check valve Check valve Filters with F connection	SVL -F	32-50, 80	52	-60°/+150°	I	II	D1	D1: 0045/202/1204/Z/00354 /19/D/001(00)
			65, 100	52				
		125		45	+100°/+150°	I	III	H
			43	-60°/-40°				
			52	-40°/+50°				
			42	+50°/+100°				
		150	36	+100°/+150°	I	III	H	H: 0045/202/1204/Z/00355 /19/D/001(00)
			25	-60°/+150°				
		200	25	-60°/+100°	I	III	H	H: 0045/202/1204/Z/00355 /19/D/001(00)
			23	+100°/+150°				

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

## **Pressure Equipment Directive 2014/68/EU (PED)**

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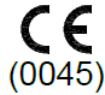
EN 12284:2003 Refrigerating systems and heat pumps. Valves. Requirements, testing and marking

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)**

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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