

**Danfoss A/S**

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EC/EU DECLARATION OF CONFORMITY

Danfoss A/S**Refrigeration & Air Conditioning Controls**

declares under our sole responsibility that the

Product(s) Valves

Type(s)

Valves: SVA-S - SVA-L - REG-SA - REG-SB - SCA-X - CHV-X - FIA - SVA-DH - SVA-DL - 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 - POV - SV - ICV - PM - ICM - ICS - ICF - ICL - ICLX - KDC - HFI

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	32-65	52	-60-150	I	II	D1	D1:07 202 1321 Z 0045/0/01
			65	-10-150				
		80-200	52	-60-150	I	III	B1+D	B1:07 202 STK1 Z 0540/2/D/01 D:07 202 1321 Z 0045/0/01
			65	-10-150				
	SVA-DL SVA-DH	250	36	-90/-60	I	III	B1+D	B1: 07 202 0124 Z 0248/2/0001 D: 07 202 1321 Z 0045/0/01
			40	-60-60				
			36	60-80				
			32	80-120				
			28	120-150				
		300	36	-90/-60	I	IV	B+D	B: 07 202 0124 Z 0248/2/0001 D: 07 202 1321 Z 0045/0/01
			40	-60-60				
			36	60-80				
			32	80-120				
			28	120-150				

Date 2016-06-03	Issued by Signature Name Bin Zhang Title Design Engineer	Date 2016-06-03	Approved by Signature Name Jesper Kirkegård Title Engineering Director
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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	D1:07 202 1321 Z 0045/0/01
Shut off valve	SVA-S SS	32-65	52	−60-150	I	II	D1	D1:07 202 1321 Z 0045/0/01
		80-125				III	B1+D	D: 07 202 1321 Z 0045/0/01
Filters	FIA	250	36	−90/-60	I	III	B1+D	B1: 07 202 0124 Z 0859/2/0001 D: 07 202 1321 Z 0045/0/01
			40	−60-60				
			36	60-80				
			32	80-120				
			28	120-150				
		300	36	−90/-60	I	IV	B+D	B: 07 202 0124 Z 0859/2/0001 D: 07 202 1321 Z 0045/0/01
			40	−60-60				
			36	60-80				
			32	80-120				
			28	120-150				
Filters	FIA SS	32-65	52	−60-150	I	II	D1	D1:07 202 1321 Z 0045/0/01
Shut off valve	SVA-HL	32-65	52	−60-150	I	II	D1	D1:07 202 1321 Z 0045/0/01
		80-150				III	B1+D	D: 07 202 1321 Z 0045/0/01
Compressor stop valve	CSV	50-80	40	−50-150	I	II	D1	D1:07 202 1321 Z 0045/0/01
			50/52	−50-50				
		100-125	40	−50-150	I	III	B1+D	B1:07 202 0124 Z 0182/2/0001 D:07 202 1321 Z 0045/0/01
			50/52	−50-50				
Check valve	NRVA	32-65	40	−50-140	I	II	D1	D1:07 202 1321 Z 0045/0/01
Change over valve	DSV	32	40	−50-100	I	II	D1	D1:07 202 1321 Z 0045/0/01
Oil regulating valve	ORV	32-80	40	−10-85	I	II	D1	D1:07 202 1321 Z 0045/0/01
Refrigerant Safety valve	SFA 15	13	40	−50-100	I	IV	B+D	B: 07 202 0511 Z 0078/1/H-0001 D: 07 202 1321 Z 0045/0/01
	SFV 20-25	18,23	25	−50-100	I	IV	B+D	
Refrigerant regulation valve, with straight bonnet arrangement	ICV	32-65	28	−60-120	I	II	D1/D	D1/D: 1321 P 0033/13/D/01
	PM							
	ICM	27-80	52/65	−60-120	I	II	D1	D1: 07 202 1321 Z 0045/0/01
	ICS							
	ICL							
	ICLX							
	ICF	27-80	52/65	−60-120	I	II	D1	D1: 07 202 1321 Z 0045/0/01
		50-80	52	−60-120	I	II	D1	
	ICS	100-150	52/65	−60-120	I	III	B1+D	D: 07 202 1321 Z 0045/0/01

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Valve group	Types	DN	PS (bar)	Ts (°C)	Fluid Group	PED category	Module	Certificate-no.
High pressure float valve	HFI	100-150	25	-50-80	I	III	B1+D	B1: 07 202 0511 Z 0094/1/0
			40	-50-80				D: 07 202 1321 Z 0045/0/01
Pilot operated internal safety valve	POV 600, 1050,2150	40-80	40	-50-150	I	II	D1	D1: 07 202 1321 Z 0045/0/01
Refrigerant float valve	SV 1-3	-	28	-50-65	I	I	A	-
	SV 4-6	-	28	-50-120	I	II	D1	D1: 07 202 1321 Z 0045/0/01
Float switch	AKS 38	32	28	-50-65	I	I	A	-
Refrigerant discharge check valve	KDC	65-80	40	-60-150	I	II	D1	D1: 07 202 1321 Z 0045/0/01
		100-200			I	III	B1+D	B1: 07 202 0124 Z 0657/4/0 D: 07 202 1321 Z 0045/0/01

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.

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation: Directive 97/23/EC (until 18 July 2016) and Directive 2014/68/EU (from 19 July 2016).

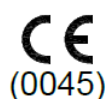
Pressure Equipment Directive 2014/68/EU (PED)

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

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

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

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