



**Danfoss A/S**

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**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 - BSV - 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	32-100	52	-60-150	I	II	D1	D1:07 202 1201/Z/ 0046/16/D0085
			65	-10-150				
	SVA-S SVA-L REG-SA REG-SB SCA-X CHV-X FIA	125-200	52	-60-150	I	III	H	H:07/202/1201/Z/004 7/16/D0085
			65	-10-150				
	SVA-DL SVA-DH	250	36	-90/-60	I	III	H	H:07/202/1201/Z/004 7/16/D0085
			40	-60-60				
			36	60-80				
			32	80-120				
			28	120-150				
	SVA-DL SVA-DH	300	36	-90/-60	I	IV	B+D	B: 07 202 0124 Z 0248/2/0001 D: 07 202 1201/Z/ 0046/16/D0085
			40	-60-60				
			36	60-80				
			32	80-120				
			28	120-150				

<b>Date</b> 2016-11-30	<b>Issued by</b> Signature Name Bin Zhang Title Design Engineer		<b>Date</b> 2016-11-30	<b>Approved by</b> Signature Name Jesper Kirkegaard Title Enigneering 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 1201/Z/ 0046/16/D0085
Shut off valve	SVA-S SS	32-100	52	-60-150	I	II	D1	D1:07 202 1201/Z/ 0046/16/D0085
		125				III	H	H:07/202/1201/Z/0047 /16/D0085
Filters	FIA	250	36	-90/-60	I	III	H	H:07/202/1201/Z/0047 /16/D0085
			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 1201/Z/ 0046/16/D0085
			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 1201/Z/ 0046/16/D0085
Shut off valve	SVA-HL	32-100	52	-60-150	I	II	D1	D1:07 202 1201/Z/ 0046/16/D0085
		125-150				III	H	H:07/202/1201/Z/0047 /16/D0085
Check valve	NRVA	32-65	40	-50-140	I	II	D1	D1:07 202 1201/Z/ 0046/16/D0085
Change over valve	DSV	32	40	-50-100	I	II	D1	D1:07 202 1201/Z/ 0046/16/D0085
Oil regulating valve	ORV	32-80	40	-10-85	I	II	D1	D1:07 202 1201/Z/ 0046/16/D0085
Refrigerant Safety valve	SFA 15	13	40	-50-100	I	IV	B+D	B: 07 202 1423 Z 0080/14/D/0120/01 D: 07 202 1201/Z/ 0046/16/D0085
	SFV 20-25	18,23	25	-50-100	I	IV	B+D	B: 07 202 1321 Z 0018/13/D/01 D: 07 202 1201/Z/ 0046/16/D0085
	BSV	8	25	-50-100	I	IV	B+D	B: 07 202 1321 Z 0007/12/ 01 D: 07 202 1201/Z/ 0046/16/D0085
Refrigerant regulation valve, with straight bonnet arrangement	ICV	32-100	28	-60-120	I	II	D1	D1: 07 202 1201/Z/ 0046/16/D0085
	PM							
	ICM ICS ICL ICLX	27-100	52/65	-60-120	I	II	D1	D1: 07 202 1201/Z/ 0046/16/D0085
	ICF	27-80	52/65	-60-120	I	II	D1	D1: 07 202 1201/Z/ 0046/16/D0085
		50-80	52	-60-120	I	II	D1	
ICM ICS ICLX	125-150	52/65	-60-120	I	III	H	H:07/202/1201/Z/0047 /16/D0085	

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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	H	H:07/202/1201/Z/0047/16/D0085
		100	40					
Pilot operated internal safety valve	POV 600, 1050,2150	40-80	40	-50-150	I	II	D1	D1: 07 202 1201/Z/0046/16/D0085
Refrigerant float valve	SV 1-3	-	28	-50-65	I	I	A	-
	SV 4-6	-	28	-50-120	I	II	D1	D1: 07 202 1201/Z/0046/16/D0085
Compressor stop valve	CSV	50-100	40	-50-150	I	II	D1	D1:07 202 1201/Z/0046/16/D0085
			50/52	-50-50				
		125	40	-50-150	I	III	H	H:07/202/1201/Z/0047/16/D0085
Float switch	AKS 38	32	28	-50-65	I	I	A	-
Refrigerant discharge check valve	KDC	65-100	40	-60-150	I	II	D1	D1: 07 202 1201/Z/0046/16/D0085
		125-200			I	III	H	H:07/202/1201/Z/0047/16/D0085

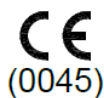
Covered by this declaration is in conformity with the following directive(s), standard(s) or other normative document(s), provided that the product is used in accordance with our instructions.

**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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