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MANUFACTOR DECLARATION

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

declares under our sole responsibility that the
Product(s) Valves
Type(s)

Valves: CCM – CCMT – CTR - CVP - CVPP - CVH - CVQ - CVT – CVE - CVC - CVMD - EVM - ORV – AKS 4100 - BV - CVMQ - TEAT - TEVA - EVRS - EVRST - EVRB - DSV – ICV PM - ICV - ICMT - ICMTS - ICF – ICF SS - NRVA - NRVS - NRS - FA - FIA – FIA SS - FIL - LLG - MLI - OFV - QDV - REG – REG SS – SCA – SCA SS - CHV – CHV SS - SNV - ST – SNV SS - SVA – SVA SS - AKVA - EVRA - SGT - PMFL/H

Valve group	Types	DN	PS (bar)	Ts (°C)	Fluid Group	PED category
Pilot valves for servo operated main valves	CVP	-	17	-50°/+120°	I	Article 4, Paragraph 3
			28	-50°/+120°	I	Article 4, Paragraph 3
			52/65	-60°/+120°	I	Article 4, Paragraph 3
	CVPP	-	17	-50°/+120°	I	Article 4, Paragraph 3
			28	-50°/+120°	I	Article 4, Paragraph 3
			40	-50°/+120°	I	Article 4, Paragraph 3
			52/65	-60°/+120°	I	Article 4, Paragraph 3
	CVH	-	65	-50°/+120°	I	Article 4, Paragraph 3
	CVQ	-	17	-50°/+120°	I	Article 4, Paragraph 3
	CVT	-	19	-40°/+140°	I	Article 4, Paragraph 3
	CVE	-	52/65	-60°/+120°	I	Article 4, Paragraph 3
	CVC	-	28	-50°/+120°	I	Article 4, Paragraph 3
			52	-50°/+120°	I	Article 4, Paragraph 3
			52/65	-60°/+120°	I	Article 4, Paragraph 3
	CVMD	-	28	-50°/+120°	I	Article 4, Paragraph 3
	CVMQ	-	17	-50°/+120°	I	Article 4, Paragraph 3
	EVM	-	52	-60°/+120°	I	Article 4, Paragraph 3
			65	-60°/+120°	I	Article 4, Paragraph 3
Oil regulating valves	ORV	25	40	-10°/+110°	I	Article 4, Paragraph 3

Date 2017-06-21	Issued by Signature Name Bin Zhang Title Design Engineer	Date 2017-06-21	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
Electronic operated modulating control valves	CCM	-	90	-40°/+60°	II	Article 4, Paragraph 3
	CCMT	-	140	-40°/+60°	II	Article 4, Paragraph 3
	CTR	-	140	-10°/+150°	II	Article 4, Paragraph 3
Liquid Level Sensor	AKS 4100	-	100	-60°/+100°	I	Article 4, Paragraph 3
Block valve	BV	-	-	-	I	Article 4, Paragraph 3
Expansion valves	TEAT	-	20	-	I	Article 4, Paragraph 3
	TEVA	-	20	-	I	Article 4, Paragraph 3
Double stop valves	DSV 1	25	40	-50°/+100°	I	Article 4, Paragraph 3
Electric expansion valves	AKVA	10-25	42	-50°/+60°	I	Article 4, Paragraph 3
Solenoid valves	EVRS	10-25	50	-40°/+105°	I	Article 4, Paragraph 3
	EVRST	15-25	50	-40°/+105°	I	Article 4, Paragraph 3
	EVRB	-	-	-	I	Article 4, Paragraph 3
	EVRA	3-25	42	-40°/+105°	I	Article 4, Paragraph 3
	EVRAT	10-20	42	-40°/+105°	I	Article 4, Paragraph 3
Refrigerant regulation valve	ICV	20-35	52/65	-60°/+120°	I	Article 4, Paragraph 3
	PM	25-32	28	-60°/+120°	I	Article 4, Paragraph 3
	PMFL/H	20-32	28	-60°/+120°	I	Article 4, Paragraph 3
	ICM	-	52/65	-60°/+120°	I	Article 4, Paragraph 3
	ICMTS	-	140	-60°/+120°	I	Article 4, Paragraph 3
	ICF-SS	15-20	52	-60°/+120°	I	Article 4, Paragraph 3
	ICF	15-20	52/65	-60°/+120°	I	Article 4, Paragraph 3
Check valves	NRVA	15-25	40	-50°/+140°	I	Article 4, Paragraph 3
	NRVS	15-25	28	-50°/+140°	I	Article 4, Paragraph 3
	NRS	15-25	28	-50°/+140°	I	Article 4, Paragraph 3
Filter	FA	-	42	-50°/+140°	I	Article 4, Paragraph 3
	FIA	6-25	52/65	-60°/+150°	I	Article 4, Paragraph 3
	FIA-SS	10-25	52	-60°/+150°	I	Article 4, Paragraph 3
	FIL	6-25	52	-60°/+150°	I	Article 4, Paragraph 3
Sight glass	LLG	-	25	-10°/+100°	I	Article 4, Paragraph 3
				-50°/+30°	I	Article 4, Paragraph 3
	MLI	20-25	25	-40°/+80°	I	Article 4, Paragraph 3
	SG	10-25	35	-50°/+80°	I	Article 4, Paragraph 3
Pressure regulating valves	OFV	20-25	40	-50°/+150°	I	Article 4, Paragraph 3
Shut-off valve	QDV	-	40	-50°/+150°	I	Article 4, Paragraph 3
	SVA	3-25	52/65	-60°/+150°	I	Article 4, Paragraph 3
	SVA-SS	3-25	52	-60°/+150°	I	Article 4, Paragraph 3
Hand-operated regulating valves	REG	3-25	52/65	-60°/+150°	I	Article 4, Paragraph 3
	REG-SS	3-25	52	-60°/+150°	I	Article 4, Paragraph 3
Check & stop valves	SCA	20-25	52/65	-60°/+150°	I	Article 4, Paragraph 3
	SCA-SS	20-25	52	-60°/+150°	I	Article 4, Paragraph 3
Check Valves	CHV	20-25	52/65	-60°/+150°	I	Article 4, Paragraph 3
	CHV-SS	20-25	52	-60°/+150°	I	Article 4, Paragraph 3
Gauge valves	SNV-ST	-	52/65	-60°/+150°	I	Article 4, Paragraph 3
	SNV-SS	-	52/65	-60°/+150°	I	Article 4, Paragraph 3

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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

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