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MANUFACTURER'S DECLARATION

Danfoss A/S

Danfoss CTM Segment

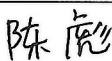
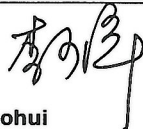
Declares under our sole responsibility that the

Product category: Shut off valve, Sight glass, Expansion valve, TXV, Check valves, Differential pressure valve

Type designation(s):

Shut off valve Type GBC, BM
Sight glass Type SG, SGP, SGS
Check valves Type NRV/NRVH, NRV10s H, CCV
Differential pressure valve Type NRD
Thermal Expansion Valves Type TGE10-TGE20-TGE40, TD1/TDE1
Capacity Regulator Type TGHE10-TGHE20-TGHE40

Types	Range	DN (mm)	PS (Bar)	TS (°C)	Tightness level
GBC	6s-42s ⁽¹⁾	6-42	45	-40~100	A1
	6s CO2-42s ⁽¹⁾ CO2	6-42	45	-40~100	A1
	6s E-42s ⁽¹⁾ E	42	49	-40~150	A1
	6M ~16M	6~16	49	-40~150	A1
	6L-28L	6-28	50	-40~150	A1
BM	BML 6-18	6-22	28	-55~100	B1
	BML 6s-22s				
	BMT 6				
TG(H)E	TGE10-TGE40	6~32	46	-40~85	A1
TD1/TDE1	TD1/TDE1	6~12	34	-50~60	A1
NRV/NRVH NRD	NRV/NRVH 6s~35s NRD 6s~12s	6-32	46	-50 ~ 140	A1

Date: 2026.01.16 Place of issue: 301700 Tianjin China	Issued by  Signature: Name: Chen Biao Title: Design Engineer	Date: 2026.01.16 Place of issue 301700 Tianjin China	Approved by  Signature: Name: Li Shaohui Title: Head of RAC RD&E China
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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

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Classified as Business



	NRV/NRVH 6s~35s NRD 6s~12s	6-32	49	-50 ~ 155	A1
	NRV/NRVH 6-19	6-19	46	-50 ~ 140	B1
NRV10s H	NRV10s H	10	90	-50 ~ 155	A1
	NRV10s H	10	117	-50 ~ 155	A1
CCV	CCV 6s~35s	6-32	45	-50 ~ 155	A1
SG	SG 6s~22s	6-25	35	-50 ~ 80	A1
	SGH 6s~22s	6-25	46	-50 ~ 80	A1
	SGR	6-25	35	-50 ~ 80	B1
	SGRH	6-25	46	-50 ~ 80	B1
	SG 6~19	6~19	35	-50 ~ 80	B1
SGP	SGP6s~22s	6-25	52	-50 ~ 80	A1
	SGPR	6-25	52	-50 ~ 80	B1
	SGP 6~19	6~19	52	-50 ~ 80	B1
SGS	SGS	6-25	52	-50 ~ 80	B1

(1) GBC 42s, GBC 42s CO2, GBC 42s E without access port.

Covered by this declaration is in conformity with the following standard, provided that the product is used in accordance with our instructions.

**Refrigerating systems and heat pumps – Qualification of tightness of components and joints
Standard EN ISO 14903:2017**

Tightness level A1: Hermetically sealed components

Tightness level B1: Closed joints components