

**Danfoss A/S**6430 Nordborg
Denmark
CVR nr.: 20 16 57 15Telephone: +45 7488 2222
Fax: +45 7449 0949**EU DECLARATION OF CONFORMITY****Danfoss A/S****Danfoss Cooling Segment**

declares under our sole responsibility that the

Product category:Check valves Type NRV (H)
Shut-off ball valve Type GBC, CBV**Type designation(s):**

Types	Range	DN (mm)	PS (Bar)	TS (°C)	Fluid Group	PED category	Module	Certificate-no.
NRV(H)	35s ⁽¹⁾	40	46	-50~140	II	I	A	
	28s ⁽¹⁾ -35s ⁽¹⁾	32~40	49	-50~155	I	II	D1	D1:0045/202/1204/Z/00 354/19/D/001(00)
GBC	42s	40	45	-40~150*	II	I	A	
	54s-79s	50-65	45	-40~121**	II	I	A	
	35s-79s	32-65	49	-40~100	I	II	D1	D1:0045/202/1204/Z/00 354/19/D/001(00)
GBCH	42s	40	75	-40~100	II	I	A	
CBV	42s-54s	40-50	45	-30~120	II	I	A	

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"

Fluid Group

Fluid group II (non-toxic and non-flammable refrigerants);

Fluid group I for GBC and NRV are approved for the qualified refrigerants, see datasheet.

(1) Oversize connections

* -40°C -150°C (short term 100°C to 150°C), for long term use in high temperature (Temp.> 100°C) application, please

Date: 2020.05.25 Place of issue: 301700 Tianjin China	Issued by Signature: Name: Lina Cao Title: Lead Design Engineer	Date: 2020.05.25 Place of issue: 301700 Tianjin China	Approved by Signature: Name: Xiao Jing (Amy) Title: Director of RD&E, RAC RPC
--	---	--	---

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

consult Danfoss

** -40°C -121°C (short term 100°C to 121°C), for long term use in high temperature (Temp.> 100°C) application, please consult Danfoss

CE0045 is ONLY marked on the products that belong to PED category II and above

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



EC change history record

Version	Date	Change description	Remark
AA	2016-06-22	EC for LC product	
AB	2017-06-02	EC for LC product	
AC	2019-11-08	Update EC declaration after get PED certificate	
AD	2020-01-02	Change the template of EC declaration for PED certificate	
AE	2020-05-30	Delete detail refrigerants description for fluid Group I	