

# CERTIFICATE

Conformity to type based on quality assurance of the  
production process - module D1 - according to directive 2014/68/EU

Certificate No.: 0045/202/9120/Z/00379/22/D/000(01)

Name and address of manufacturer: Danfoss A/S  
Industrial Refrigeration  
Nordborgvej 81  
DK-6430 Nordborg

We hereby certify that the manufacturer has established a **quality system** for the manufacturing of pressure equipment according to directive 2014/68/EU. The manufacturer is entitled to mark the pressure equipment produced within the range of the quality system with the following mark:

**CE 0045**

Test specification: EN 12284, EN 378-2, EN ISO 21922

Audit report No.: 0045/202/1204/P/00302/22/D/001(00)  
0045/202/9120/P/00379/22/D/000(00)  
0045/202/9120/P/00381/22/D/000(00)  
0045/202/9120/P/00383/22/D/000(00)  
0045/202/9120/P/00039/23/D/000(00)

Range of products: **Stop-, Regulating, Control-, Check-, Solenoid-, Manual Valves and Filters for industrial refrigeration application (see enclosed list)**

Place of manufacture: 

- Poland - Danfoss Poland Sp. z o.o.  
ul. Chrzanowska 5, 05-825 Grodzisk Mazowiecki
- Mexico - Danfoss Industries S.A. de C.V.  
Nuevo León, Carretera Miguel Alemán 162, 66634 Apodaca
- China - Danfoss (Tianjin) Ltd, Production Plant (Wuqing)  
9 Quanhui Road, Wuqing Development Area, 301700 Tianjin
- India - Danfoss Industries Pvt Ltd., Plot No. A-19/2, Sipcot IG Centre, Oragadam, 602105 Kanchipuram District, Tamil Nadu

This certificate is valid until: **30<sup>th</sup> September 2025**

Attachment:  
List of valve types RF  
2022\_220808 module D1  
(a.o. DN and PS)



Notified Body 0045 for pressure equipment

**TUVNORD**

Digitally signed by  
Kaczmarek Pawel  
Date: 2023.02.09  
08:04:33 +01'00'

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Annex to Certificate No.: 0045/202/9120/Z/00379/22/D/000(01)

## IRF 2022 Valve production in MX, CN, PL and IN for Category I, II module D1

Product Group	Type designation	Spec.	General / Comments	DN	PS (max)	PS (max)	Production	Production	Production	Production
					bar	bar	CN	MX	PL	IN
Stop Valve	SVA-S, SVA-F		Stop Valves	32 – 100	52		X	X		X*
Stop Valve	SVA-S		Stop Valves	32 – 100		65	X	X		X*
Stop Valve	SVA		Stop Valves Compressor	65 – 100	52	65	X			
Stop Valve	SVA-S	SS	Stop Valves Stainless Steel	32 – 100	52		X			
Stop Valve	CSV		Compressor Stop Valve	32 – 100	52		X			
Stop Valve	CSV		Compressor Stop Valve	32 – 100		65	X			
Stop Valve	CSV		Compressor Stop Valve	125	52		X			
Stop Valve	CSV		Compressor Stop Valve	125		65	X			
Reg. Valve	REG, REG-F	SA/SB	Regulating Valve	32 – 65	52		X	X		X
Reg. Valve	REG	SA/SB	Regulating Valve	32 – 65		65	X	X		X
Reg. Valve	REG	SS	Stainless Regulating Valve	32 – 65	52		X	X		
Check Valve	SCA, SCA-F		Stop Check Valve	32 – 100	52		X	X		
Check Valve	SCA		Stop Check Valve	32 – 100		65	X	X		
Check Valve	SCA	SS	Stop Check Valve	32 – 40	52		X			
Check Valve	CHV, CHV-F		Check Valve	32 – 100	52		X	X		
Check Valve	CHV		Check Valve	32 – 100		65	X	X		
Check Valve	CHV	SS	Check Valve	32 – 65	52		X			
Filter	FIA, FIA-F		Filter	32 – 100	52		X	X		X*
Filter	FIA		Filter	32 – 100		65	X	X		X*
Filter	FIA	SS	Filter	32 – 100	52		X			
Other	KDC-GVD		Compressor Discharge Valve	65 – 100	52	65	X			
ICV	ICF		ICV Valves	32 – 40	52	65		X	X	
ICV	ICF Large		ICV Valves	40 – 80	52	65	X	X		
ICV	ICS-ICL-ICM-ICLX-ICSH-ICD-ICC		ICV Valves	32 – 100	52		X	X	X	
ICV	ICS-ICL-ICM-ICLX		ICV Valves	32 – 80		65	X	X	X	
ICV	ICS-ICL-ICM-ICLX		ICV – F Valves	25 – 65	28		X	X	X	
Float Valve	SV 4-6	Volume	Float Valve	–	28		X			
Other	DSV 2		Change over Valves	32	40		X			
Other	POV 1050-2150		Compressor overflow Valve	65 – 80	40		X			
Solenoid	EVRA		Solenoid Valves	32 – 40	42				X	
Other	ORV		Oil Temperature Control Valve	65 – 80	40		X			
Check Valve	NRVA		Check Valve	32 – 65	40		X			
Expansion	AKVA		Electronic Expansion Valve	32 – 40	42				X	
Shut-off Valve	GBC		Shut-off Ball Valve	32 – 65	49		X			
Check Valve	NRV		Check Valve	32 – 40	49		X			
Check Valve	NRVH		Check Valve	32 – 40	49		X			
Solenoid	EVR		Solenoid Valve	32 – 40	42				X	

\*Products produced in India: DN 32 – DN 65

2023.01