

CRYOGENIC CHECK VALVE TYPE 05415 THREADED

Material stainless steel 1.4308
Pressure PN 50

TECHNICAL DESCRIPTION

Cryogenic check valves, PN50

- stainless steel body and bronze cover
- with spring, minimum opening pressure 0.1 Bar
- cleaned and degreased for oxygen operation

thread (G) according to ISO 228/1

· Art. No. 05415.X.0001

NPT thread according to ANSI B 1.20.1

· Art. No. 05415.X.0006

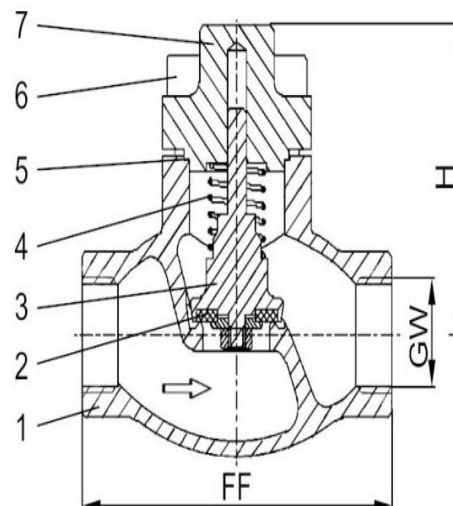
OPTIONS

- thread (R) acc. acc. ISO 7-Rc

WORKING FLUID / MEDIUM

Approved for gases, vapors and liquefied cryogenic gases and LNG.

Dimensions: G1/4" - 2"



				SPECIFICATION"	
No.	Materials	DIN EN	ASTM	Type 05415	cryogenic check valve PN 50
1	Body	1.4308	A 351 CF8	Connection ends	threaded
2	Saddle	Teflon PTFE / graphite filler (25%)		Construction length	factory standard
3	Valve	brass CW614N	B283 UNS C38500	Attaching the lid	flanged
4	Spring	CW452K	B159 UNS C51900	Execution	straight
5	Lid gasket	Teflon PTFE		Joining	threaded
6	Bolts	1.4301/A2	A 194 B8	Drive	independently
7	Lid	CC493K	B505 UNS C93200	Working temp. [°C]	-196 °C / -321 °F
					up to +120 °C / +248 °F

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DN	Thread Size (GW)	Size Code (.X.)	Construction Length (FF)	Height (H)	Weight (approx. kg)	Kvs Value (m³/h)	Cv Value (gal/min)
10	1/4	0200	70	71	0.7	1.6	1.9
10	3/8	0300	70	71	0.7	2.2	2.6
15	1/2	0400	85	71	1.0	4.3	5.0
20	3/4	0600	100	72	1.3	6.7	7.8
25	1	1000	115	75	1.6	11.5	13.4
32	1-1/4	1200	130	95	3.9	20.6	23.9
40	1-1/2	1400	130	95	3.9	22.6	26.3
50	2	2000	155	95	5.7	37.1	43.2