

CRYOGENIC THREADED GATE VALVE TYPE 01335

Material stainless steel 1.4308
Pressure PN 50

TECHNICAL DESCRIPTION

Type 01335 – Valve

Cryogenic shut-off and check valves, PN50

- stainless steel body and bronze cover
- pre-stressed gland
- cleaned and degreased for oxygen operation

thread (G) according to ISO 228/1:

- Art. No. 01335.X.0001 valves
- Art. No. 01335.X.5001 check valves

NPT thread according to ANSI B 1.20.1:

- Art. No. 01335.X.0006 valves
- Art. No. 01335.X.5006 check valves

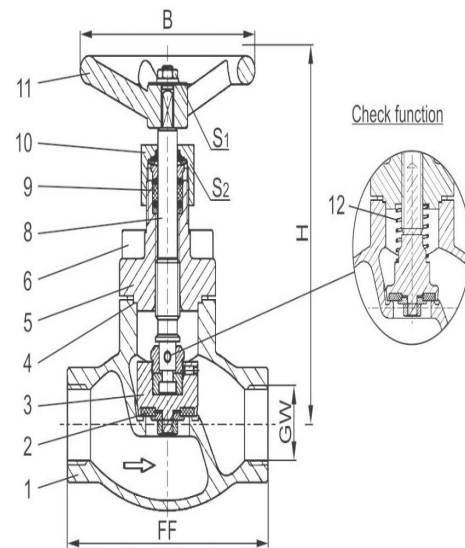
WORKING FLUID / MEDIUM

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

OPTIONS

- thread (R) acc. to ISO 7-Rc
- with control valve (with threaded connection)

Dimensions:G1/4" – 2"



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No.	Materials	DIN EN	ASTM		
1	Body	1.4308	A 351 CF8		
2	Saddle	Teflon PTFE / graphite filler (25%)			
3	Valve	brass CW614N	B283 UNS C38500		
4	Lid gasket	Teflon PTFE			
5	Upper part	CC493K	B505 UNS C93200		
6	Bolts	1.4301/A2	A 194 B8		
8	Spindle	1.4301	A276 type 304		
9	Salnikov condensed.	graphite/teflon PTFE			
10	Packing nut	brass CW614N	B283 UNS C38500		
11	Flywheel	aluminum alloy			
12	Spring	CW452K	B159 UNS C51900		
				SPECIFICATION	
				Type 01335	cryogenic valve PN 50
				Connection ends	threaded
				Construction length	factory standard
				Attaching the lid	flanged
				Execution	straight
				Joining	threaded
				Drive	manually
				Working temp. [°C]	-196 °C / -321 °F to +120 °C / +248 °F
				Recommended temp. [°C]	-60 °C / -76 °F to +120 °C / +248 °F

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DN	Thread size (GW)	Size code (.X.)	Construction length (FF)	Height (H)	Flywheel Ø (B)	Hex size (S1)	Hex size (S2)	Weight (kg)	Kvs (m³/h)	Cv (gal/min)
10	1/4	0200	70	140	100	7	30	1.0	1.6	1.9
10	3/8	0300	70	140	100	7	30	1.0	2.2	2.6
15	1/2	0400	85	140	100	7	30	1.3	4.3	5.0
20	3/4	0600	100	140	100	7	30	1.7	6.7	7.8
25	1	1000	115	140	100	7	30	2.0	11.5	13.4
40	1-1/4	1200	130	175	125	10	36	4.2	20.6	23.9
40	1-1/2	1400	130	175	125	10	36	4.2	22.6	26.3
50	2	2000	155	200	125	10	36	6.7	37.1	43.2