

CRYOGENIC GATE VALVE TYPE 01325 WITH EXTENDED THREADED SPINDLE

Material stainless steel 1.4308
Pressure PN 50

TECHNICAL DESCRIPTION

Cryogenic shut-off and check valves, PN50

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

Thread connection (G) according to ISO 228/1 · Art.No. 01325.X.0011 (H = 270mm) valves

- Art.No. 01325.X.0021 (H = 370mm) valves

- Art. No. 01325.X.5011 (H = 270mm) check valves

- Art. No. 01325.X.5021 (H = 370mm) check valves

NPT thread connection according to ANSI B 1.20.1 ·

Art.No. 01325.X.0016 (H = 270mm) valves

- Art.No. 01325.X.0026 (H = 370mm) valves

- Art. No. 01325.X.5016 (H = 270mm) check valves

- Art. No. 01325.X.5026 (H = 370mm) check valves

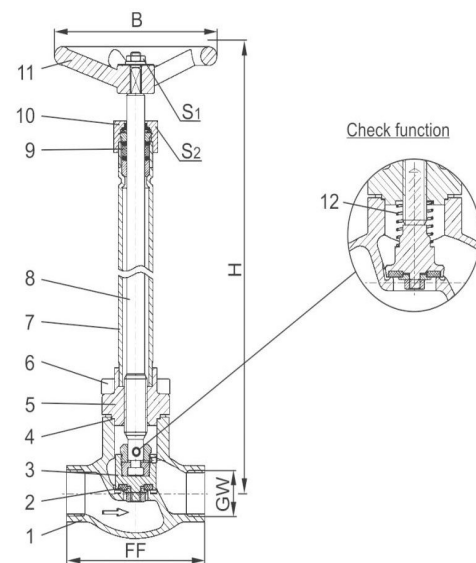
OPTIONS

- thread (R) acc. acc. ISO 7-Rc
- extension H up to 900mm
- control valve (with threaded connection)

WORKING FLUID / MEDIUM

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

Dimensions: DN 10 - 50



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THREADED SPINDLE**

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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	A194B8
7	Extension cord	1.4541	A 213 TP 321
8	Spindle	1.4301	A276 Grade 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 01325	cryogenic check valve PN 50
Connection ends	threaded
Construction length	factory normal
Attaching the lid	flanged
Execution	straight
Joining	threaded
Drive	manually
Working temp. [°C]	-196 °C / -321 °F
	up to +120 °C / +248 °F

**CRYOGENIC GATE VALVE TYPE 01325 WITH EXTENDED
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DN	Thread size (GW)	Size code (.X.)	Construction length (FF)	Height (H)	Flywheel Ø (B)	Hexagon size (S1)	Hexagon size (S2)	Weight (kg)	Kvs value (m³/h)	Cv value (gal/min)
10	1/4	0200	70	270mm to 370mm	100	7	30	1.4	1.6	1.9
10	3/8	0300	70	270mm to 370mm	100	7	30	1.4	2.2	2.6
15	1/2	0400	85	270mm to 370mm	100	7	30	1.7	4.3	5.0
20	3/4	0600	100	270mm to 370mm	100	7	30	2.1	6.7	7.8
25	1	1000	115	270mm to 370mm	100	7	30	2.4	11.5	13.4
40	1-1/4	1200	130	270mm to 370mm	125	10	36	4.7	20.6	23.9
40	1-1/2	1400	130	270mm to 370mm	125	10	36	4.7	22.6	26.3
50	2	2000	155	270mm to 370mm	125	10	36	7.2	37.1	43.2