

Globe Valves

Type 01311 - Globe Valve

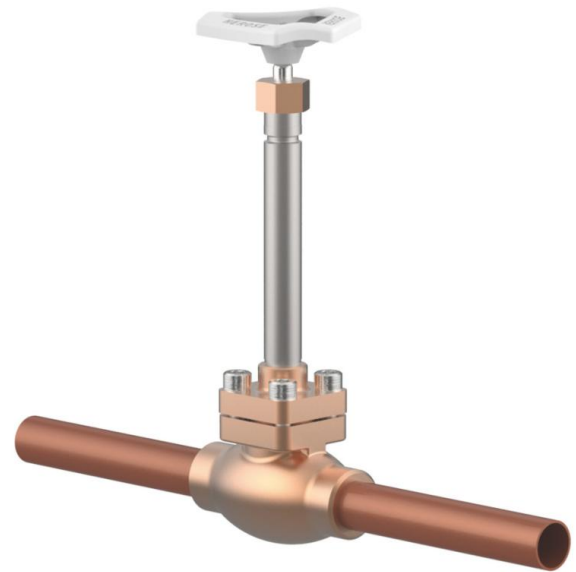


Cryogenic-Globe and Globe/Check Valves, PN50 (DN10-25), PN40 (DN32), PN35 (DN40-50)

Bronze body and topwork
 "live loaded" gland packing
 "cleaned and degreased for oxygen service"

Part No. 01311.X.0018 (H=270mm)
Part No. 01311.X.0028 (H=370mm)
Part No. 01311.X.5018 (H=270mm) Globe/Check Valve
Part No. 01311.X.5028 (H=370mm) Globe/Check Valve
 Complete with copper stubs acc. to DIN EN 12449

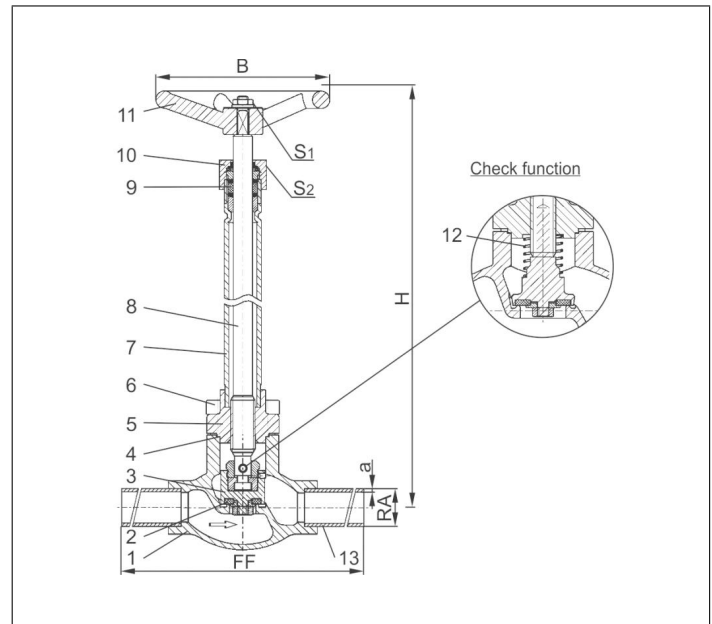
Available options - on request only:
 · Extension H up to 900mm
 · Valve with control disc (tapered design)



Applications:

Approved for air gases, vapours and cryogenic liquefied gases incl. LNG.
 Working temperature: -196°C / -321°F (77K) up to +120°C / +248°F (393K)

Materials	DIN EN	ASTM
1 Body	CC491K	B 62 UNS C83600
2 Valve seal	PTFE / Carbon filled (25%)	
3 Disc	CW614N	B 283 UNS C38500
4 Bonnet gasket	PTFE	
5 Headpiece	CC493K	B 505 UNS C93200
6 Bolts	1.4301/A2 A 194 B8	
7 Elongation tube	1.4541 A 213 TP 321	
8 Stem	1.4301 A 276 Grade 304	
9 Gland packing	Graphite / PTFE / MICA	
10 Gland nut	CW614N	B 283 UNS C38500
11 Handwheel	Aluminium alloy	
12 Spring	CW452K	B 159 UNS C51900
13 Copper stubs	CW024A	B 152 UNS C12200



Type 01311 - Standard design	Technical data								
	DN	10	15	15	20	25	32	40	50
Nominal size	.X.	1012	1515	1518	2022	2528	3235	4042	5054
Dimension code	.X.	1012	1515	1518	2022	2528	3235	4042	5054
Face-to-face dimension	FF	360	385	385	385	415	415	420	460
Height	H	270mm or 370mm							
Outside pipe-Ø	RA	12.0	15.0	18.0	22.0	28.0	35.0	42.0	54.0
Wall thickness pipe	a	1.0	1.5	1.5	1.5	1.5	1.5	1.5	2.0
Handwheel-Ø	B	100	100	100	100	100	125	125	125
Wrench size across flats	S ₁	7	7	7	7	7	10	10	10
Wrench size across flats	S ₂	30	30	30	30	30	36	36	36
Weight	ca. kg	1.5	1.9	1.9	2.4	2.8	3.7	5.2	7.8
Kvs-Value	m ³ /h	2.2	4.3	4.3	6.7	11.5	12.1	22.6	37.1
Cv-Value	gal/min	2.6	5.0	5.0	7.8	13.4	14.1	26.3	43.2

Dimensions in mm.