

Globe Valves

Type 01420 - Top-Entry-Valve



Cryogenic-Globe Valves, PN50

Stainless steel body and topwork,
 "live loaded" gland packing
 "cleaned and degreased for oxygen service"

Part No. 01420.X.0781

Part No. 01420.X.5781 Globe/Check Valve

Butt weld connection for stainless steel pipes acc. to ASTM A312

Available options - on request only:

- Extension H and E acc. to customer specification

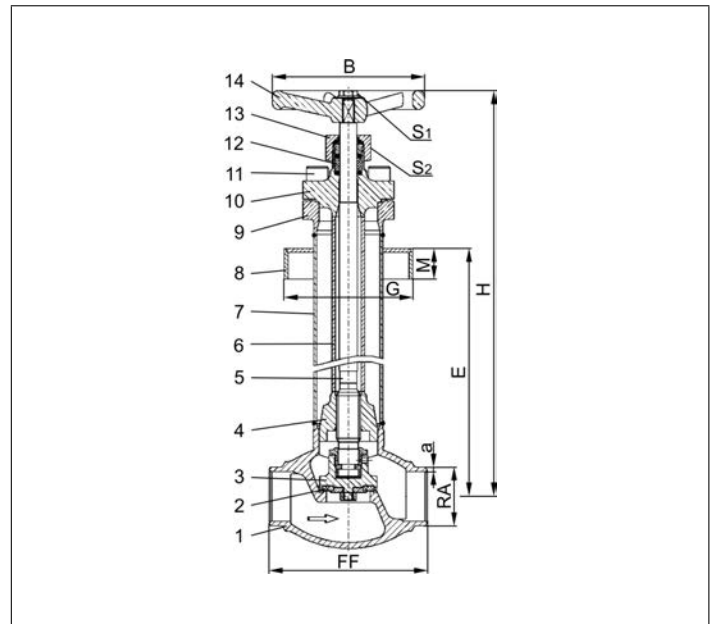


Applications:

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	1.4308	A 351 CF8
2 Valve seal	PTFE / Carbon filled (25%)	
3 Disc	1.4301	A 276 Grade 304
4 Guide bush	CC493K	B 505 UNS C93200
5 Stem	1.4301	A 276 Grade 304
6 Elongation tube	1.4541	A 213 TP 321
7 Elongation tube	1.4541	A 213 TP 321
8 Cold box feature	1.4541	A 213 TP 321
9 Headpiece flange	1.4301	A 276 Grade 304
10 Headpiece	1.4301	A 276 Grade 304
11 Bolts	1.4301/A2	A 194 B8
12 Gland packing	Graphite / PTFE	
13 Gland nut	1.4305	A 276 Grade 303
14 Handwheel	Aluminium alloy	



Standard marking acc. to Pressure Equipment Directive 97/23/EC (PED).



Type 01420 - Standard design	Technical data					
Nominal size	DN	15	20	25	40	50
Dimension code	.X.	1521	2026	2533	4048	5060
Face-to-face dimension	FF	85	100	115	130	155
Height	H	690	690	690	690	760
Handwheel-Ø	B	100	100	100	200	200
Outside pipe -Ø ASTM A312	RA	21.34	26.67	33.40	48.26	60.33
Wall thickness pipe ASTM A312	a	dimensions acc. to S10 or S40				
Length	E	540	540	540	540	610
Length	G	according to customer specification				
Length	M	according to customer specification				
Wrench size across flats	S ₁	10	10	10	13	13
Wrench size across flats	S ₂	30	30	30	36	36
Weight	ca. kg	3.0	3.5	4.0	8.5	11.5
Kvs-Value	m ³ /h	4.3	6.7	11.5	20.6	37.1
Cv-Value	gal/min	5.0	7.8	13.4	26.3	43.2

Dimensions in mm.

