



Top Entry Cryogenic-Globe Valves, PN50 (DN100=PN40)

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

Part No. 01470.X.0*8*

Butt weld connection for stainless steel pipes acc. to ISO 1127 or ASTM A312

Available options - on request only:

- Extension H and E acc. to customer specification
- Valve with check disc

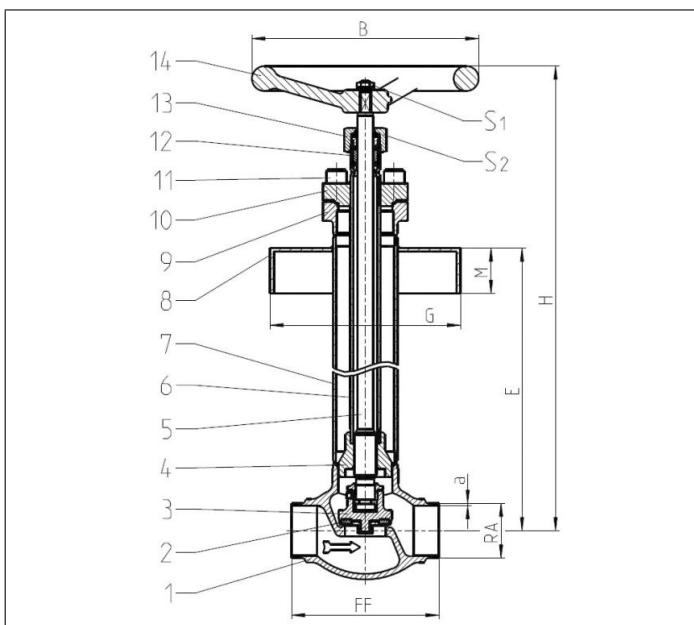


Applications:

Approved for hydrogen, air gases, vapours and cryogenic liquefied gases incl. LNG.

Working temperature: -255°C / -427°F (18K) up to +120°C / +248°F (393K)

Materials	DIN EN	ASTM
1 Body	1.4409	A 351 CF3M
2 Valve seal	PCTFE	
3 Disc	1.4404	A 276 Grade 316L
4 Guide bush	CW453K	B 103 UNS C52100
5 Stem	1.4404	A 276 Grade 316L
6 Elongation tube	1.4571	A 213TP 316Ti
7 Elongation tube	1.4571	A 213TP 316Ti
8 Cold box feature	1.4571	A 213TP 316Ti
9 Headpiece flange	1.4404	A 276 Grade 316L
10 Headpiece	1.4404	A 276 Grade 316L
11 Bolts	1.4571/A4 similar A 193 B8T	
12 Gland packing	Graphite / PTFE / MICA	
13 Gland nut	1.4404	A 276 Grade 316L
14 Handwheel	1.4409	A 351 CF3M



Type 01470 - Standard design	Technical data			
Nominal size	DN	65	80	100
Dimension code	.X.	6573	8088	0114
Face-to-face dimension	FF	205	245	280
Height	H	790	840	960
Handwheel-Ø	B	250	315	315
Outside pipe -Ø ASTM A312	RA	73.02	88.90	114.30
Wall thickness pipe ASTM A312	a	dimensions acc. to S10 or S40		
Length	A	610	640	750
Length	G	acc. to customer specification		
Length	M	acc. to customer specification		
Wrench size across flats	S ₁	13	13	13
Wrench size across flats	S ₂	41	41	41
Weight	ca. kg	19.6	26.9	37.4
Kvs-Value	m ³ /h	71.1	104.0	168.0
Cv-Value	gal/min	82.9	121.3	196.0
Stroke	mm	23	25	30

Dimensions in mm.