Offshore Valves

Type 01473 - Actuated Globe Valve

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

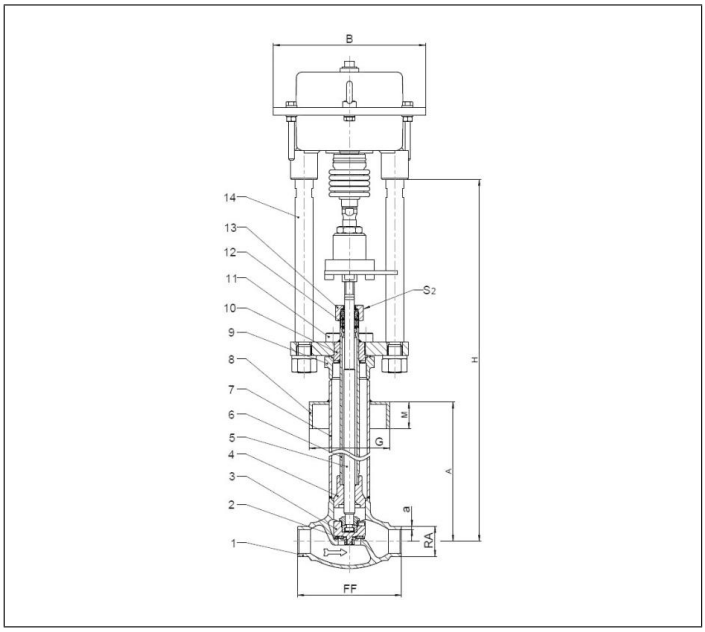
Stainless steel body and topwork
" live loaded " gland packing
" cleaned and degreased for oxygen service " - the actuator is not cleaned and degreased for oxygen

Part No. 01473.X.3081
Butt weld connection for stainless steel pipes acc. to ISO 1127 or ASTM A312

Available accessories/options - on request only:
· Solenoid valve · Limit switch · Electropneumatic positioner etc.
· Extension H and A acc. to customer specification
· Actuator " cleaned and degreased for oxygen service "
· Valve with check disc, valve with control disc (tapered design)

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	Pillars	1.4404	A 276 Grade 316L



Type 01473 - 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	1105	1110	1290
Actuator-Ø	B	dependent on actuator		
Outside pipe-Ø ASTM A312	RA	73.00	89.00	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_2	41	41	41
Stroke	mm	23	23	30
Weight without actuator	ca. kg	28.3	34.3	49.2
*Kvs-Value	m^3/h	71.1	104.0	168.0
*Cv-Value	gal/min	82.9	121.3	196.0

Dimensions in mm. * These figures refer to measurements for the flow direction.