

Cryogenic-Globe and Globe/Check Valves, 725 P.S.I.

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

Part No. 01311.X.0017 (H=270mm)

Part No. 01311.X.0027 (H=370mm)

Part No. 01311.X.5017 (H=270mm) Globe/Check Valve

Part No. 01311.X.5027 (H=370mm) Globe/Check Valve

Complete with stainless steel stubs acc. to DIN EN 10216-5 or ASTM A312

Available options - on request only:

- Extension H up to 900mm (36")
- Valve with control disc (tapered design)

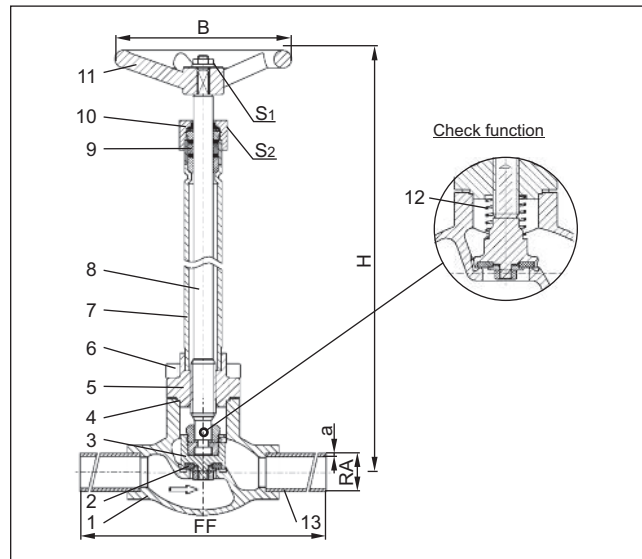


GVMSSB Series

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	ASTM
1 Body	B 62 UNS C83600
2 Valve seal	PTFE / Carbon filled (25%)
3 Disc	B 283 UNS C38500
4 Bonnet gasket	PTFE
5 Headpiece	B 505 UNS C93200
6 Bolts	A 194 B8
7 Elongation tube	A 213 TP 321
8 Stem	A 276 Grade 304
9 Gland packing	Graphite / PTFE
10 Gland nut	B 283 UNS C38500
11 Handwheel	Aluminium alloy
12 Spring	B 103 UNS C51900
13 Stainless steel stubs	A 312 TP304L



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



Marking acc. to Directive 99/36/EG (TPED) will only be carried out by written notice on purchase order.



Type 01311 – Standard design	Technical data									
Nominal size	Inches	3/8"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
Dimensions code	.X.	1012	1017	1521	2027	2533	3242	4048	5060	
Face-to-face dimension	FF	210	210	235	235	265	265	290	310	
Height	H	270 mm or 370 mm (10 1/2" or 14 1/2")								
Outside pipe-ø DIN EN ISO 1127	RA	12.0	17.2	21.3	26.9	33.7	42.4	48.3	60.3	
Wall thickness pipe DIN EN ISO 1127	a	1.0	2.3	2.6	2.9	3.2	3.2	3.6	3.6	
Outside pipe-ø ASTM A312	RA	–	17.15	21.34	26.67	33.4	42.16	48.26	60.33	
Wall thickness pipe ASTM A312	a	–	S40	S10	S10	S10	S10	S10	S10	
Handwheel-ø	B	80	80	100	100	100	125	125	125	
Wrench size across flats	S ₁	10	10	10	10	10	13	13	13	
Wrench size across flats	S ₂	30	30	30	30	30	36	36	36	
Weight	LBS.	3.19	3.41	4.4	5.28	6.16	8.14	11.44	17.16	
CV-Value	gal/min	2.6	2.6	5.0	7.8	13.4	14.1	26.3	43.2	

Dimensions in mm