

**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. 01301.X.0001**

**Part No. 01301.X.5001 Globe/Check Valve**

Socket end for copper stubs acc. to DIN EN 12449 or ASTM B88

Available options - on request only:

- Socket end for stainless steel stubs acc. to DIN EN ISO 1127
- Valve with control disc (tapered design)

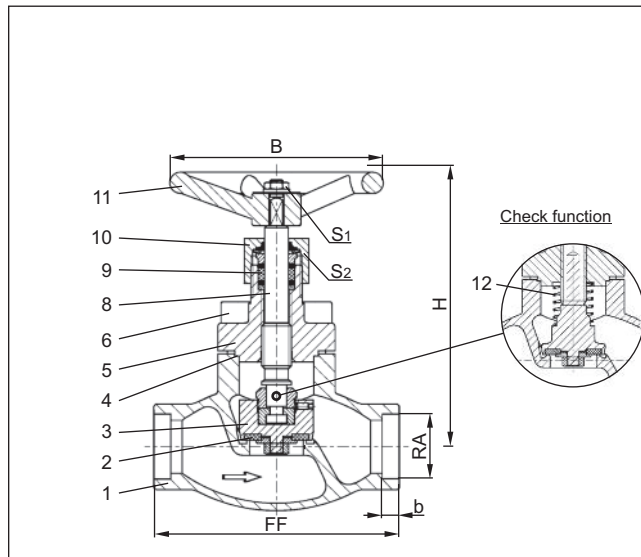


*GVNBSK Series*

**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)  
Recommended working temperature: -60°C / -76°F (213K) 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
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



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 01301 – Standard design	Technical data							
Nominal size	Inches	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Dimensions code	X.	X=DNRA, Example: valve DN10 for copper pipe RAØ12mm, X=1012						
Face-to-face dimension	FF	60	85	85	115	115	140	160
Height	H	140	140	140	140	170	175	200
Outside pipe-Ø	RA	dependent on order						
Socket depth	b	6	6	8	8	10	13	20
Handwheel-Ø	B	80	100	100	100	125	125	125
Wrench size across flats	S <sub>1</sub>	10	10	10	10	13	13	13
Wrench size across flats	S <sub>2</sub>	30	30	30	30	36	36	36
Weight	LBS.	2.2	2.86	3.74	4.4	6.16	9.24	14.74
CV-Value	gal/min	1.9	5.0	7.8	13.4	14.1	26.3	43.2

Dimensions in mm