

Fire Safe Valves

Type 03641 - Globe Valve



Cryogenic-Globe and Globe/Check Valves, PN40
 "Fire safe" type test approval acc. to EN ISO 10497

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

Part No. 03641.X.0012 (H = 270mm)
 Part No. 03641.X.0022 (H = 370mm)
 Part No. 03641.X.5012 (H = 270mm) Globe/Check Valve
 Part No. 03641.X.5022 (H = 370mm) Globe/Check Valve
 Flanged connection acc. to DIN EN 1092-1 PN40

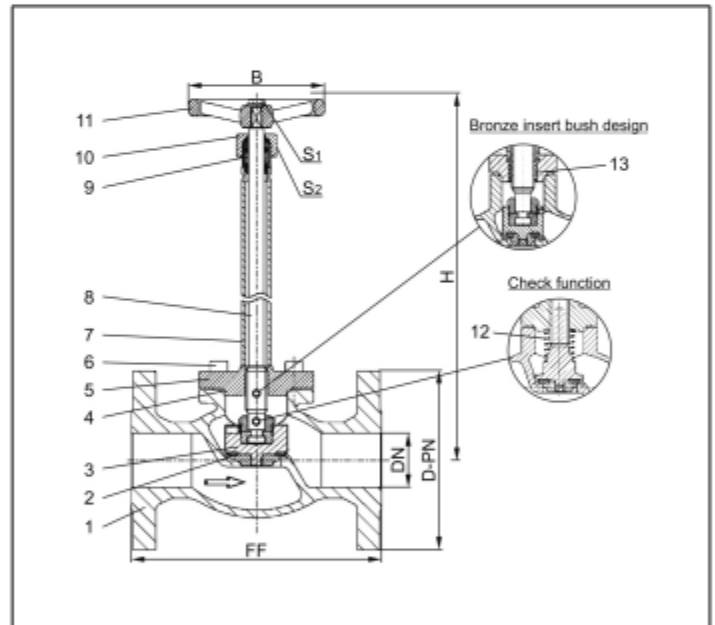
Available options - on request only:
 · Extension H up to 900mm
 · Valve with control disc (tapered design)
 · Nominal sizes DN15, DN20 and DN150 with welding-neck flange



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 Bonnet gasket	Graphite	
5 Headpiece	1.4301	A 276 Grade 304
6 Bolts	1.4301/A2	A 194 B8
7 Elongation tube	1.4541	A 213 TP 321
8 Stem	1.4301	A 276 Grade 304
9 Gland packing	Graphite / PTFE / MICA	
10 Gland nut	1.4305	A 276 Grade 303
11 Handwheel	1.4409	SA 351 CF3M
12 Spring	1.4310	A 313 Grade 301
13 Bush	CW452K	B 159 UNS C51900



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

Type 03641	Technical data						
Nominal size	DN	25	40	50	65	80	100
Dimension code - Flange EN 1092-1 PN40	.X.	0250	0400	0500	0650	0800	1000
Flange-Ø	D-PN	115	150	165	185	200	235
Face-to-face dimension	FF	160	200	230	290	310	350
Height	H	270 mm or 370 mm			400	400	400
Handwheel-Ø	B	100	125	125	200	250	315
Wrench size across flats	S ₁	10	13	13	13	13	13
Wrench size across flats	S ₂	30	36	36	36	36	41
Weight	ca. kg	4.9	9.7	13.3	21.1	28.0	43.2
Kvs-Value	m ³ /h	11.5	22.6	37.1	71.1	104.0	170.0
Cv-Value	gal/min	13.4	26.3	43.2	82.7	120.9	195.2

Dimensions in mm.

