

Globe Valves Data Sheet

Integral PTFE Seat, Screwed BSPP Female BS21, Cast Handwheel

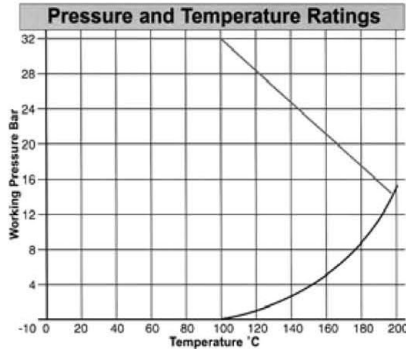
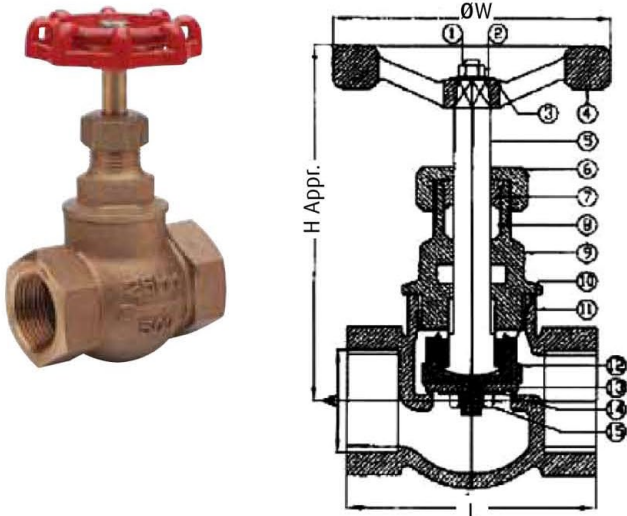
Maximum Pressure Conditions				
Max Pressure Conditions (bar)		Test Pressures (bar)		
	Temperatures up to 100°C	Temperatures up to 198°C	Shell	Seat
1/4" - 3"	32.0	14.0	48.0	35.2

Pressure Equipment Directive Category	
1/4" to 1"	1 1/4" to 3"
SEP	CAT1(CE)

Flow Rates (with valve fully open)					
	1/4"	3/8"	1/2"	3/4"	1"
Kv	0.93	0.95	1.75	2.50	3.28
	1 1/4"	1 1/2"	2"	2 1/2"	3"
Kv	7.32	9.55	17.45	30.53	43.17

*Kv - flow rate in m³ per hour at a pressure drop of 1 bar.

Material List				
Part No.	Qty.	Description	Material	Specification
1	1	Nut	M.S.	BS 916
2	1	Washer	M.S.	BS 916
3	1	Disc Plate	Aluminium	Any Grade
4	1	Hand Wheel	C.I. / Aluminium	BS 1452 Gr 220 / Alloy LM2
5	1	Stem	Brass	CZ114 OF BS 2872 / 2874
6	1	Gland Nut	Bronze	BS 1400 LG2
7	1	Gland	Bronze	BS 1400 LG2
8	1	Gland Packing	Teflon	Glass Filled PTFE
9	1	Bonnet	Bronze	BS 1400 LG2
10	1	Check Nut	Bronze	BS 1400 LG2
11	1	Body	Bronze	BS 1400 LG2
12	1	Disc Holder	Bronze	BS 1400 LG2
13	1	Disc	Teflon	Glass Filled PTFE
14	1	Washer	Bronze	BS 1400 LG2
15	1	Lock Nut	Brass	CZ114 of BS 2872 / 2874



Dimensions				
Size	A	L	H	ØW
8	1/4" BSP	53	83	49
10	3/8" BSP	53	83	49
15	1/2" BSP	55	87	52
20	3/4" BSP	67	98	59
25	1" BSP	79	110	67
32	1 1/4" BSP	88	115	73
40	1 1/2" BSP	101	135	85
50	2" BSP	123	157	85
65	2 1/2" BSP	135	204	110
80	3" BSP	156	215	133