AV-104 Bronze Globe Valve, Flanged Ends, Class-1

Features

Product Standard	IS-778
Testing Standard	IS-778
Pressure / Class Rating	Class-1
Body Material Cum Standard	Bronze (IS 318 Gr. LTB2)
Product Description	Screwed in Bonnet, Inside Screw, Rising Stem., Handwheel Operated
Type of Seat	Integral Seat
Type of Disc	Renewable Disc
Trim	Cu-Alloy
End Details	Flanged Ends as per IS:778 Class-1 Flat Face (Undrilled)
Test Pressure	Body: 1.5 Mpa (Hyd.), Seat: 1.0 Mpa (Hyd.)
Max. Working Temperature	45°C

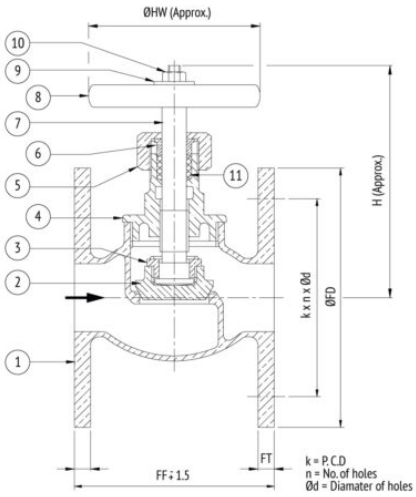
Suitability

Water, Oil



Material Combination

S.No	Description	No.	Material	Specifications
1	Body	1	Bronze	IS 318 Gr. LTB2
2	Disc	1	Bronze	IS 318 Gr. LTB2
3	Disc Nut	1	Bronze	IS 318 Gr. LTB2
4	Bonnet	1	Bronze	IS 318 Gr. LTB2
5	Gland Nut	1	Bronze	IS 318 Gr. LTB2
6	Gland	1	Bronze	IS 318 Gr. LTB2
7	Stem	1	H.T. Brass	IS 6912 Gr. FLB / IS 319
8	Handwheel	1	Aluminium	–
9	Washer	1	M.S.	–
10	Handwheel Nut	1	M.S.	–
11	Packing	–	Asbestos	–



Dimensional Data

Size (mm)	FF	H	ØW	ØFD	FT	k	Ød	n
15	75	95	63	95	6	65	14	4
20	85	100	73	105	6	75	14	4
25	95	105	83	115	8	85	14	4
32	110	130	83	140	8	100	18	4
40	120	135	95	150	9	110	18	4
50	145	160	95	165	11	125	18	4
65	165	175	95	185	13	145	18	4
80	185	215	150	200	13	160	18	8
100	216	260	190	220	16	180	18	8

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