

AV-103 Gun Metal Gate Valve (Flanged Ends) Class - 1

Features

Screwed in Bonnet, Inside Screw, Non-Rising Stem, Flanged Ends as per IS 778, Class 1

Test Pressure

Body : 1.5 MPa (Hyd.)

Seat : 1.0 MPa (Hyd.)

Max. Working Pressure : 1.0 MPa (Hyd.)

Max. Working Temperature : Upto 45°C

Testing Standard

IS-778

Note

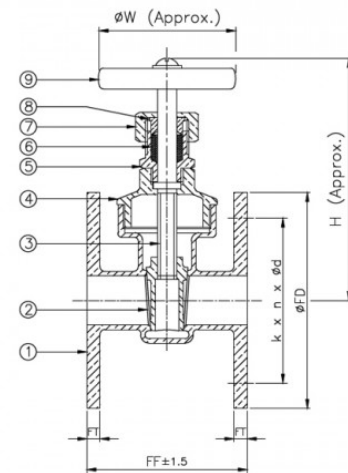
Other Flanged End Specification can be provided on request.

Suitability

Water, Oil

Material Combination

P.No.	Name of Part	Material	Specification
1	Body	Bronze	BS EN 1982 Gr. CC491K / IS 318 Gr. LTB2
2	Wedge	Bronze	BS EN 1982 Gr. CC491K / IS 318 Gr. LTB2
3	Stem	H.T. Brass	IS 6912 Gr. FLB / IS 319
4	Stem Nut	Bronze	BS EN 1982 Gr. CC491K / IS 318 Gr. LTB2
5	Bonnet	Bronze	BS EN 1982 Gr. CC491K / IS 318 Gr. LTB2
6	Check Nut	Bronze	BS EN 1982 Gr. CC491K / IS 318 Gr. LTB2
7	Packing	Asbestos	
8	Gland Follower	Bronze	BS EN 1982 Gr. CC491K / IS 318 Gr. LTB2
9	Gland Nut	Bronze	BS EN 1982 Gr. CC491K / IS 318 Gr. LTB2
10	Indicator	Bronze	BS EN 1982 Gr. CC491K / IS 318 Gr. LTB2
11	Indicator Plate	Brass Sheet	-
12	Handwheel	C.I. / S.G. Iron	-
13	Locking Rod	M.S.	Galvanised



Dimensional Data

Nominal Size (mm)	FF	H	ØW	ØFD	FT	k	Ød	n
15	72	126	53	95	6	65	14	4
20	76	145	60	105	6	75	14	4
25	90	163	70	115	8	85	14	4
32	100	176	80	140	8	100	18	4
40	110	182	87	150	9	110	18	4
50	120	215	98	165	11	125	18	4
65	140	225	104	185	13	145	18	4
80	150	295	140	200	13	160	18	8
100	190	355	183	220	16	180	18	8