AV-93 Bronze Gate Valve, Flanged Ends

Features

Body Material Cum Standard	Bronze (BS EN 1982 Gr. CC491K)
Product Description	Screwed in Bonnet, Inside Screw, Non Rising Stem, Handwheel Operated with Open Shut Indicator & Pad Locking Arrangements
Type of Seat	Integral Seat
Type of Wedge	Solid Wedge
Trim	Cu-Alloy
End Details	Flanges Ends as per BS-10 Table-D
Test Pressure	Body: 300 Psig (Hyd.), Seat: 200 Psig (Hyd.)



Notes

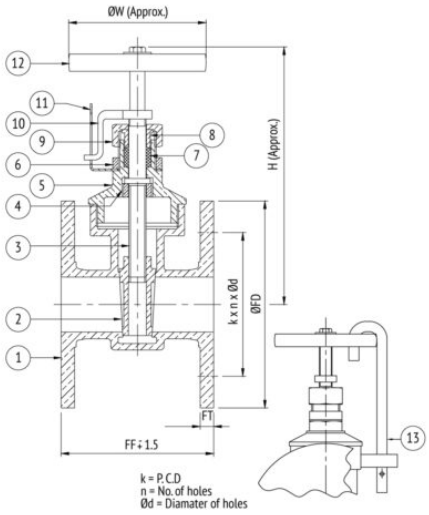
These valves are suitable for transformers.

Suitability

Water, Oil

Material Combination

S.No	Description	No.	Material	Specifications
1	Body	1	Bronze	BS EN 1982 Gr. CC491K / IS 318 Gr. LTB2
2	Wedge	1	Bronze	BS EN 1982 Gr. CC491K / IS 318 Gr. LTB2
3	Stem	1	H.T. Brass	IS 6912 Gr. FLB / IS 319
4	Stem Nut	1	Bronze	BS EN 1982 Gr. CC491K / IS 318 Gr. LTB2
5	Bonnet	1	Bronze	BS EN 1982 Gr. CC491K / IS 318 Gr. LTB2
6	Check Nut	1	Bronze	BS EN 1982 Gr. CC491K / IS 318 Gr. LTB2
7	Packing	–	PTFE	–
8	Gland Follower	1	Bronze	BS EN 1982 Gr. CC491K / IS 318 Gr. LTB2
9	Gland Nut	1	Bronze	BS EN 1982 Gr. CC491K / IS 318 Gr. LTB2
10	Indicator	1	Bronze	BS EN 1982 Gr. CC491K / IS 318 Gr. LTB2
11	Indicator Plate	1	Brass Sheet	–
12	Handwheel	1	Aluminium	–
13	Locking Rod	1	M.S.	Galvanised



Dimensional Data

Size (mm)	FF	H	ØW	ØFD	FT	k	n	Ød
15	65	126	63	96	6.4	66	4	14
20	76	150	73	102	6.4	73	4	14
25	86	160	83	115	7.9	82	4	14
32	90	176	83	120	7.9	94	4	14
40	106	205	95	135	9.5	104	4	14
50	115	215	95	150	9.5	115	4	17
65	138	240	115	165	11.1	127	4	17
80	151	300	150	185	12.7	145	4	17
100	179	355	165	216	15.9	178	4	17
125	216	480	220	254	17.5	210	8	17
150	257	515	250	279.4	17.5	235	8	17.5

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