

AV-117A Ductile Iron Sluice Valve (Flanged Ends) PN 20

Features

Bolted Bonnet, Inside Screw, Non Rising Stem, Flange as per IS 1538 (Drilled), Table 5

Test Pressure

Body : 30 Bar

Seat : 22 Bar

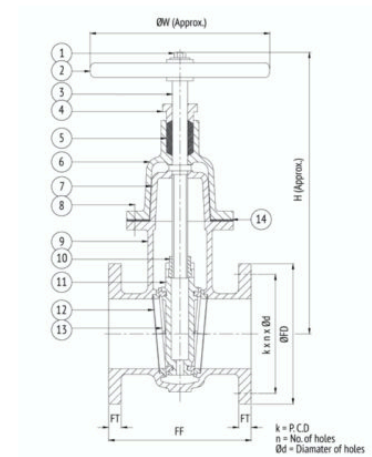
Suitability

Water, Oil



Material Combination

P.No.	Name of Part	Material	Specification
1	Screw	Carbon Steel	IS 1363
2	Handwheel / Cap	Ductile Iron	EN 1563 Gr.GJL 400 15
3	Stem	Stainless Steel	IS 6603 Gr. 12CR.12 / IS 6604 Gr. 04 CR. 19NI09
4	Gland	Ductile Iron	EN 1563 Gr.GJL 400 15
5	Gland Packing	Hemp & Jute / Non Asbestos	IS 5414 / IS 4687
6	Bonnet	Ductile Iron	EN 1563 Gr.GJL 400 15
7	Thrust Plate	Ductile Iron	EN 1563 Gr.GJL 400 15
8	Bolts / Nuts	Carbon Steel	IS 1363 Part 1 / 3
9	Body	Ductile Iron	EN 1563 Gr.GJL 400 15
10	Wedge Nut	Leaded Tin Bronze	IS 318 Gr. LTB2
11	Wedge	Ductile Iron	EN 1563 Gr.GJL 400 15
12	Body Seat Ring	Leaded Tin Bronze	IS 318 Gr. LTB2
13	Wedge Ring	Leaded Tin Bronze	IS 318 Gr. LTB2
14	Gasket	Rubber	IS 638 Type B
15	T-Head Bolts / Nuts	Carbon Steel	IS 1363 Part 1 / 3



Dimensional Data

Nominal Size (mm)	FF	ØW	H	ØFD	FT	k	n	ød
50	178	280	365	165	16	125	4	19
65	190	280	380	185	16	145	4	19
80	203	280	425	200	21	160	4	19
100	229	360	470	220	22	180	8	19
125	254	360	485	250	22.5	210	8	19
150	267	360	595	285	23	240	8	23
200	292	450	725	340	24.5	295	8	23
250	330	640	835	395	26	350	12	23
300	356	640	910	445	27.5	400	12	23
350	381	640	1030	505	29	460	16	23
400	406	730	1110	565	30	515	16	28
450	432	800	1210	615	31.5	565	20	28
500	457	800	1340	670	33	620	20	28
600	508	800	1500	780	36	725	20	31