

AV-117A Cast Iron Sluice Valve, Flanged Ends, PN-1.6

Features

Product Standard	IS-14846
Pressure / Class Rating	PN-1.6
Body Material Cum Standard	Cast Iron (IS 210 Gr. FG 200)
Product Description	Bolted Bonnet, Inside Screw, Non Rising Stem, Handwheel Operated
Type of Seat	Renewable Seat
Type of Wedge	Solid Wedge
Trim	Stem: 13% Cr. (SS 410)
Seat Facing	Cu-Alloy
End Details	Flanged Ends as per IS:1538 PN-1.6 Flat Face (Drilled)
Test Pressure	Body: 2.4 Mpa (Hyd.), Seat: 1.6 Mpa (Hyd.)
Max. Working Temperature	45°C



Notes

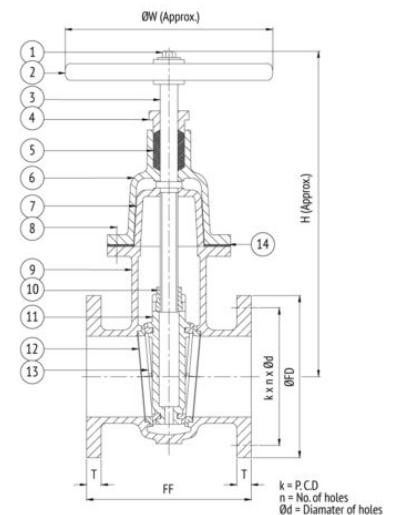
Sizes 350mm & above are supplied with Gear

Suitability

Water, Oil

Material Combination

S.No	Description	No.	Material
1	Screw	1	Carbon Steel
2	Handwheel / Cap	1	Cast Iron
3	Stem	1	Stainless Steel
4	Gland	1	Cast Iron
5	Gland Packing	1	Hemp & Jute / Rubber
6	Bonnet	1	Cast Iron
7	Thrust Plate	1	Cast Iron
8	Bolts / Nuts	To Suit	Carbon Steel
9	Body	1	Cast Iron
10	Wedge Nut	1	Leaded Tin Bronze
11	Wedge	1	Cast Iron
12	Body Seat Ring	2	Leaded Tin Bronze
13	Wedge Ring	2	Leaded Tin Bronze
14	Gasket	1	Rubber
15	T-Head Bolts / Nuts	2 Each	Carbon Steel



Dimensional Data

Size (mm)	FF	$\varnothing W$	H	$\varnothing FD$	T	k	n	$\varnothing d$
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



Manufacturers & Exporters of
Valves, Fittings & Boiler Mountings

Size (mm)	FF	ØW	H	ØFD	T	k	n	Ød
500	457	800	1340	670	33	620	20	28
600	508	800	1500	780	36	725	20	31