

## AV-117 Cast Iron Sluice Valve, Flanged Ends, PN-1.0

### Features

Product Standard	IS-14846
Pressure / Class Rating	PN-1.0
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-1.0 Flat Face (Drilled)
Test Pressure	Body: 1.5 Mpa (Hyd.), Seat: 1.0 Mpa (Hyd.)
Max. Working Temperature	45°C



### Notes

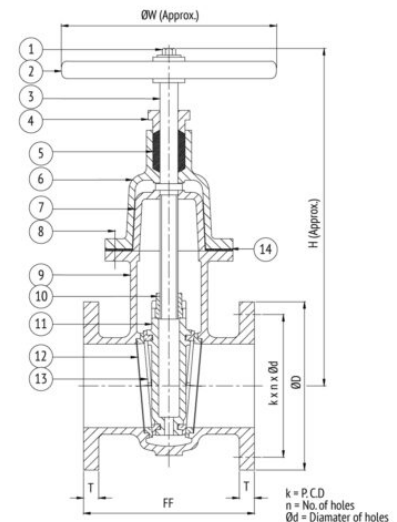
Sizes 350mm & above are supplied with Gear

### 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	ØW	H	ØD	T	k	n	Ød
50	178	225	330	165	16	125	4	19
65	190	225	370	185	16	145	4	19
80	203	225	410	200	21	160	4	19
100	229	320	460	220	22	180	8	19
125	254	320	485	250	22.5	210	8	19
150	267	320	557	285	23	240	8	23
200	292	360	680	340	24.5	295	8	23
250	330	400	770	395	26	350	12	23
300	356	400	865	445	27.5	400	12	23
350	381	500	1020	505	29	460	16	23
400	406	640	1110	565	30	513	16	28
450	432	720	1200	615	31.5	565	20	28

Size (mm)	FF	ØW	H	ØD	T	k	n	Ød
500	457	720	1300	670	33	620	20	28
600	508	720	1500	780	36	725	20	31

