AV-118A Cast Iron Gate Valve, Flanged Ends, PN-1.6

Features

Product Standard	BS EN-1171 / IS-14846
Testing Standard	BS EN 12266-Part 1
Pressure / Class Rating	PN-1.6
Body Material Cum Standard	Cast Iron (IS 210 Gr. FG 200)
Product Description	Bolted Bonnet, Outside Screw & Yoke Type, 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

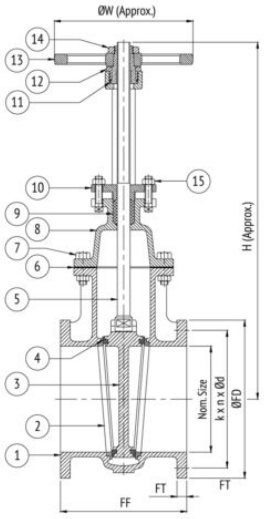
Sizes 350mm & above are supplied with Gear

Suitability

Water, Oil

Material Combination

S.No	Description	No.	Material
1	Body	1	Cast Iron
2	Body Seat Ring	2	Gun Metal
3	Wedge	1	Cast Iron
4	Wedge Ring	2	Gun Metal
5	Stem	1	Stainless Steel
6	Gasket	1	C.A.F
7	Body / Bonnet Bolts & Nuts	To Suit	Carbon Steel
8	Bonnet	1	Cast Iron
9	Gland Packing	–	Hemp & Jute / Non Asbestos
10	Gland Flange	1	Cast Iron
11	Yoke Sleeve	1	Bronze / Stainless Steel
12	Yoke Sleeve Nut	1	Carbon Steel
13	Handwheel	1	M.I. / C.I.
14	Handwheel Retaining Nut	1	Carbon Steel
15	Gland Flange Bolts & Nuts	2 Each	Carbon Steel



Dimensional Data

Size (mm)	FF	ØW	H	ØFD	FT	k	n	Ød
50	178	225	320	165	16	125	4	19
65	190	225	375	185	16	145	4	19
80	203	225	422	200	21	160	4	19
100	229	320	490	220	22	180	8	19
125	254	320	560	250	22.5	210	8	19
150	267	320	640	285	23	240	8	23
200	292	360	782	340	24.5	295	8	23
250	330	400	1040	395	26	350	12	23
300	356	400	1170	445	27.5	400	12	23
350	381	500	1300	505	29	460	16	23
400	406	640	1370	565	30	513	16	28
450	432	720	1430	615	31.5	565	20	28

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Size (mm)	FF	ØW	H	ØFD	FT	k	n	Ød
500	457	720	1510	670	33	620	20	28
600	508	720	–	780	36	725	20	31

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