

## AV-118A Cast Iron Gate Valve (Flanged Ends) PN 1.6

### Features

Yoke Type, Outside Screw, Rising Stem, Flanged Ends as per IS 1538

Test Pressure

Body : 2.4 MPa (Hyd.)

Seat & Back Seat : 1.6 MPa (Hyd.)

Testing Standard

BS EN 1171

Product Standard

BS EN 12266 (Part 1)

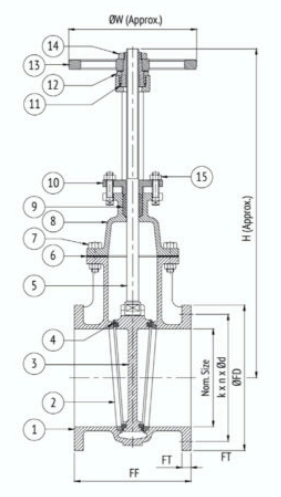
### Suitability

Water, Oil



### Material Combination

P.No.	Name of Part	Material	Specification
1	Body	Cast Iron	IS 210 Gr. FG200 / BS EN 1561 Gr. GJL - 220
2	Body Seat Ring	Gun Metal	IS 318 Gr. LTB - 2 / BS EN 1982 Gr. CC 491 K
3	Wedge	Cast Iron	IS 210 Gr. FG200 / BS EN 1561 Gr. GJL - 220
4	Wedge Ring	Gun Metal	IS 318 Gr. LTB - 2 / BS EN 1982 Gr. CC 491 K
5	Stem	Stainless Steel	ASTM A 276 Type 410
6	Gasket	C.A.F	-
7	Body / Bonnet / Bolts & Nuts	Carbon Steel	-
8	Bonnet	Cast Iron	IS 210 Gr. FG200 / BS EN 1561 Gr. GJL - 220
9	Gland Packing	Hemp. & Jute / Non Asbestos	IS 4687
10	Gland Flange	Cast Iron	IS 210 Gr. FG200 / BS EN 1561 Gr. GJL - 220
11	Yoke Sleeve	Bronze / Stainless Steel	BS EN 1982 Gr.CC3314 / ASTM A582 Type 416
12	Yoke Sleeve Nut	Carbon Steel	-
13	Handwheel	M.I. / C.I.	-
14	Handwheel Retaining Nut	Carbon Steel	-
15	Gland Flange Bolts & Nuts	Carbon Steel	-



### Dimensional Data

Nominal 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

Nominal Size (mm)	FF	øW	H	øFD	FT	k	n	ød
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	515	16	28
450	432	720	1430	615	31.5	565	20	28
500	457	720	1510	670	33	620	20	28
600	508	720	-	780	36	725	20	31