

AV-117 Cast Iron Gate Valve (Flanged Ends) PN 10

Features

Bolted Bonnet, Inside Screw, Non Rising Stem,
Flange Drilling as per BS EN 1092-2, PN 10 (BS 4504) as per IS 14846

Test Pressure

Body : 15 kg/cm² (Hyd.)
Seat : 10 kg/cm² (Hyd.)

Product Specification

BS EN 1171 (BS 5150)

Suitability

Water, Oil



Material Combination

P.No.	Name of Part	Material	Specification
1	Handwheel	Cast Iron	BS EN 1561 Gr.GJL 220 (BS 1452 Gr.220)
2	Stem	Stainless Steel	ASTM A 276 Type 410 (BS 970 431 S29)
3	Gland	Cast Iron	BS EN 1561 Gr.GJL 220 (BS 1452 Gr.220)
4	Gland Packing	Hemp & Jute / Non Asbestos	-
5	Bonnet	Cast Iron	BS EN 1561 Gr.GJL 220 (BS 1452 Gr.220)
6	Thrust Plate	Cast Iron	BS EN 1561 Gr.GJL 220 (BS 1452 Gr.220)
7	Bolts / Nuts	Carbon Steel	-
8	Body	Cast Iron	BS EN 1561 Gr.GJL 220 (BS 1452 Gr.220)
9	Wedge Nut	Gun Metal	BS EN 1982 Gr.CC 491K (BS 1400 LG2)
10	Wedge	Cast Iron	BS EN 1561 Gr.GJL 220 (BS 1452 Gr.220)
11	Body Seat Ring	Gun Metal	BS EN 1982 Gr.CC 491K (BS 1400 LG2)
12	Wedge Ring	Gun Metal	BS EN 1982 Gr.CC 491K (BS 1400 LG2)
13	Gasket	EPDM Rubber	-

Dimensional Data

Nominal Size (mm)	FF	øFD	FT	k	n	ød
50	178	165	16	125	4	19
65	190	185	16	145	4	19
80	203	200	21	160	8	19
100	229	220	22	180	8	19
125	254	250	22.5	210	8	19
150	267	285	23	240	8	23
200	292	340	24.5	295	8	23
300	356	445	27.5	400	12	23
350	381	505	29	460	16	23
400	406	565	30	515	16	28

