C-18 Cast Iron Gate Valve Bronze Trim, Class 125

Description



- NETA Cast Iron Gate Valve
- BS:5150
- Outside Screw and Yoke Type
- Rising Stem
- Bronze Trim
- Flanged Ends to ANSI – B16.1 Class 125
- Flat Face

Test Pressure

Max. Working Pressure : 8.6 Bar
Max. Working Temperature : 220°C
Body : 24.1 Bar Hyd.
Seat : 13.8 Bar Hyd.
Back Seat : 24.1 Bar Hyd.

Design Features

- Bolted Body – Bonnet Joint.
- Stem threads are outside the pressure containing parts & never come in contact with the working fluid thus avoiding corrosion of threads.
- Back seating arrangement permits the replacement of gland packing in fully open position while the Valve is under inline pressure.
- Straight through flow resulting in least possible pressure drop across the Valve
- Sturdy spoked handwheel clear from the top of yoke is provided for operation of the Valve.
- Ample depth of Stuffing Box.
- Wedge guided in the body throughout its travel & contacts the body seats only at the point of closure.

Certification

IBR Test Certificate in FORM III-C duly signed by the Director of Boilers, Punjab is provided for Valves to be used on steam service.
For liquid service our own Works Test Certificate shall be issued.

Application : Steam, Water

HSN : 84818010

Materials

PNo.	Part	Nos.	Material	Standard
1	Handwheel Nut	1	Gun Metal	IS:318 Gr.LTB2
2	Handwheel	1	C.I.	IS:210 Gr.FG200
3	Yoke Sleeve Locking Nut	1	Gun Metal	IS:318 Gr.LTB2
4	Yoke Sleeve	1	Gun Metal	IS:318 Gr.LTB2
5	Gland	1	C.I.	IBR 86 to 93 Gr.A
6	Bonnet	1	C.I.	IBR 86 to 93 Gr.A
7	Studs and Nuts	To Suit	M.S.	IS:1367
8	Gasket	1	C.A.F.	IS:2712
9	Body	1	C.I.	IBR 86 to 93 Gr.A
10	Wedge	1	C.I.	IBR 86 to 93 Gr.A
11	Body Seat Ring	2	Gun Metal	IS:318 Gr.LTB2
12	Wedge Facing Ring	2	Gun Metal	IS:318 Gr.LTB2
13	Stem	1	Brass	IS:6912 Gr.FLB
14	Eye Bolts and Nuts	2 Each	M.S.	IS:1367
15	Pin	2	M.S.	IS:226
16	Gland Packing	–	Graphited Asbestos	–

PNo.	Part	Nos.	Material	Standard
17	Back Seat Bush	1	Gun Metal	IS:318 Gr.LTB2

Dimensions

Nominal Size (Inches)	Nominal Size (mm)	L ±1.5	H App.	W App.
1.1/2	40	165	273	190
2	50	178	363	195
2.1/2	65	190	380	195
3	80	203	410	200
4	100	229	504	250
5	125	254	535	305
6	150	267	670	356
8	200	292	856	406

