

CI-1A Cast Iron Globe Valve Flanged (IBR Approved)

Product Description

HSN 84818030

Product : ‘SANT’ Cast Iron Globe Valve
Product Standard : BS:5152 / DIN 86251
Type of Pattern : Straight Pattern
Pressure / Class / Rating : PN 16
Body Material cum Standard : Cast Iron IBR 86 to 93 Gr.A
Description : Bolted Bonnet, Outside Screw & Yoke Type Rising Stem
Type of Seat : Renewable seat
Type of Disc : Renewable disc
Trim : SS AISI-410
Gland Packing : Expanded Pure Flexible Graphite
End Details : Flanges as per DIN 2533 RF (PN 16) Undrilled

Testing & Certification

Rating : PN 16
Body Test Pressure : 26Kg/cm²g (Hyd.)
Seat Test Pressure : 16Kg/cm²g (Hyd.)
Backseat Pressure : 16Kg/cm²g (Hyd.)
Working Pressure : Max BOP 13Kg/cm²g at 220°C Steam

Test Certificate in Form III-C as per IBR is furnished with every supply.



Application

Water	Steam
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Materials of Construction

Components	Materials	Specifications
Body, Bonnet, Valve Disc, Gland & Handwheel	Cast Iron	IBR 86 to 93 Gr.A
Body Seat Ring, Valve Disc Ring, Spindle & Check Nut	Stainless Steel	AISI-410
Gasket	Compressed Asbestos	IS:2712 Gr.C
Gland Packing	Expanded Pure Flexible Graphite	—
Fasteners	Mild Steel	—
Yoke Bush	Aluminum Bronze	—

Dimensions (in mm)

Nominal Size	Nominal Size (Inches)	F	H (Open)	ØW (Approx.)
15	1/2	130±1	180	125
20	3/4	150±1	190	125
25	1	160±1	200	125
32	1.1/4	180±1	225	125
40	1.1/2	200±1	250	160
50	2	230±2	260	160
65	2.1/2	290±2	315	200
80	3	310±2	350	200
100	4	350±2	410	250
125	5	400±3	455	250
150	6	480±3	530	315
200	8	600±3	600	400

