

**FORGED STEEL**

## **GLOBE VALVE**

### **STOUT & STURDY WORKING**

#### **DESCRIPTION :**

'WJ' Forged Steel Globe Valve to BS-5352-1981, CI-800 outside screw and yoke type, bolted bonnet, 13% Cr. SS (AISI-410) trim, plug type disc screwed female ends to BSP Taper Threads.

Body Tested 207 Bar Gauge Hyd. Seat and back Seat. Tested 152 Bar Gauge Hyd. and 6.9 Bar Gauge Air.

These Valves are manufactured in Standard Bore as well as Reduced Bore designs.

#### **SALIENT FEATURES :**

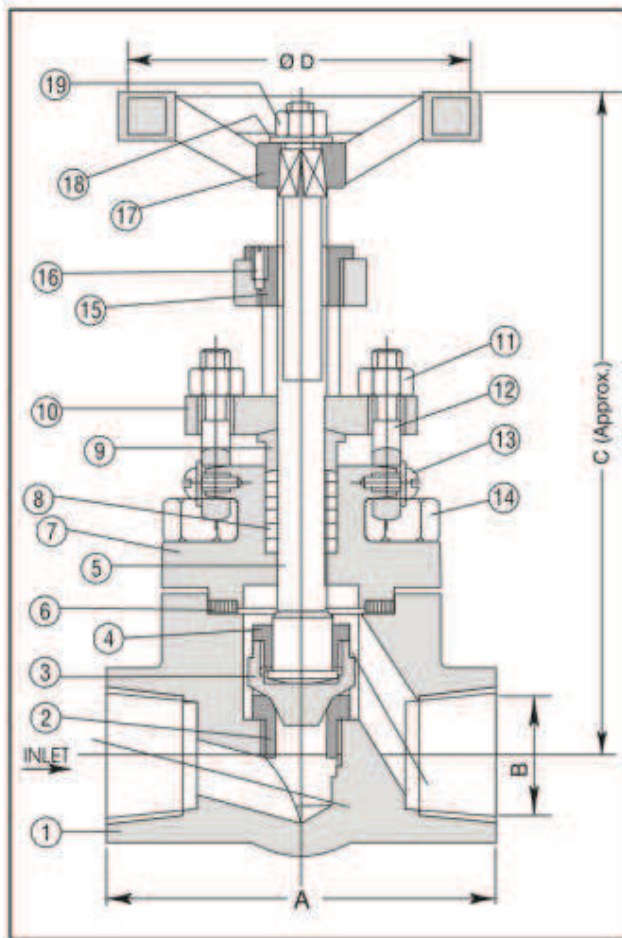
1. Renewable 13% Cr. SS (AISI-410) Body Seat Ring and disc have atleast 50 HB difference in hardness.
2. Bolted self aligning two piece gland is provided.
3. Back Seat provision is provided to facilitate on line replacement of gland packing under pressure when valve is fully open.
4. Ample depth of stuffing box is provided.
5. Sturdy hand wheel is provided for easy operation of the Valve.

#### **TESTING AND CERTIFICATION :**

Each Valve is tested hydraulically at the specified Pressure. These Valves are supplied with IBR Test Certificate in Form III-C issued by The Director of Boilers, Punjab.

NOTE : These valves can also be supplied with socket weld ends.





Nominal Size	DIMENSIONS							
	STANDARD BORE				REDUCE BORE			
	A	B	C	D	A	B	C	D
10 mm (3/8")	80	3/8" BSPT	138	76	----	----	----	----
15 mm (1/2")	86	1/2" BSPT	145	76	80	1/2" BSPT	138	76
20 mm (3/4")	100	3/4" BSPT	155	100	86	3/4" BSPT	145	76
25 mm (1")	125	1" BSPT	182	120	100	1" BSPT	155	100
32 mm (1 1/4")	145	1 1/4" BSPT	230	150	125	1 1/4" BSPT	182	120
40 mm (1 1/2")	170	1 1/2" BSPT	265	150	145	1 1/2" BSPT	230	150
50 mm (2")	----	----	----	----	170	2" BSPT	265	150

MATERIALS			
PART No.	NAME OF PART	MATERIAL	SPECIFICATION
1.	Body	F.S.	ASTM A-105
2.	Body Seat Ring	S.S.	AISI-410
3.	Valve Disc	S.S.	AISI-410
4.	Check Nut	S.S.	AISI-410
5.	Stem	S.S.	AISI-410
6.	Gasket	S.S. Type 304 Spiralwound Asbestos Filler	----
7.	Bonnet	F.S.	ASTM A-105
8.	Packing	Graphited Asbestos	----
9.	Gland	S.S.	AISI-410
10.	Gland Flange	F.S.	ASTM A-105
11.	Nut for Eye Bolts	H.T. Steel	ASTM A -194-2H
12.	Eye Bolts	S.S.	AISI-410
13.	Screw with Washer	M.S.	----
14.	Studs and Nuts	Alloy Steel / H.T. Steel	ASTM A-193 B7 / ASTM A-194 2H
15.	Yoke Bush	S.S.	AISI-410
16.	Locking Screw	M.S.	----
17.	Hand Wheel	M.I.	----
18.	Washer	M.S.	----
19.	Nut for Hand Wheel	M.S.	----