

BRONZE

PARALLEL SLIDE BLOW OFF VALVE

CONFIRM TO HIGH PERFORMANCE

DESCRIPTION :

'WJ' Bronze Parallel Slide Blow Off Valve Rack and Pinion operated flanged ends to BS-10 Table 'H' is manufactured for maximum Boiler operating pressure of 250 PSIG (17.58 Kg/Cm²g) upto 428°F (220°C). Tested to 500 PSIG (35.15 Kg/Cm²g) Hydraulic Pressure.

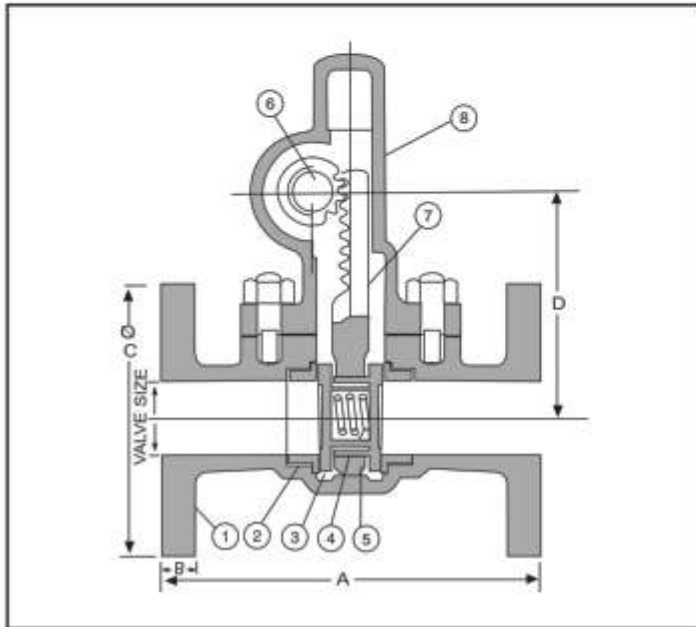
SALIENT FEATURES :

1. It maintains fluid tightness and ease of operation without the aid of wedging action.
2. Discs are kept in close contact with body seat rings by means of a spring when the valve is not under pressure.
3. Slide valve action removes all foreign matter from the faces of seats.
4. Valve is operated by means of Rack and pinion arrangement in such a manner that valve is opened fully with half turn of the box key.
5. Gland forms a locking guard which prevents the removal of key unless the valve is closed.

TESTING AND CERTIFICATION :

All valves are tested at double the maximum working pressure. Each valve is supplied with IBR Test Certificate in Form III-C issued by The Director of Boilers, Punjab.





DIMENSIONS				
Nominal Size	A	B	C	D
25 mm (1")	167	11.2	120.7	92
32 mm (1¼")	173	11.2	133.4	112
40 mm (1½")	179.5	12.7	139.7	116
50 mm (2")	193.5	12.7	165.1	146
65 mm (2½")	219	14.2	184.2	163
80 mm (3")	241.5	16.0	203.2	182

MATERIALS			
PART No.	NAME OF PART	MATERIAL	SPECIFICATION
1.	Body	Bronze	IBR 282 (a) (IV) Gr. B
2.	Body Seat Ring	S.S.	AISI-304 / AISI-410
3.	Inside Disc	S.S.	AISI-304 / AISI-410
4.	Outside Disc	S.S.	AISI-304 / AISI-410
5.	Spring	S.S.	AISI-304
6.	Pinion	S.S.	AISI-410
7.	Rack	Bronze	IBR 282 (a) (IV) Gr. B
8.	Bonnet	Bronze	IBR 282 (a) (IV) Gr. B
9.	Stuffing Box	Bronze	IBR 282 (a) (IV) Gr. B
10.	Gland	Bronze	IBR 282 (a) (IV) Gr. B
11.	Packing	Graphited Asbestos	----