

BRONZE

SPRING LOADED METALLIC DIAPHRAGM TYPE PRESSURE REDUCING VALVE

**CONFIRM TO HIGH QUALITY
& LONG LIFE**

DESCRIPTION :

'WJ' Bronze Spring Loaded Metallic Diaphragm Type Pressure Reducing Valve, having screwed BSP parallel female threads Max. inlet steam pressure 250 PSIG (17.58 Kg/Cm²g) and temp. upto 428°F (220°C) tested to 500 PSIG (35.15 Kg/Cm²g) hydraulic pressure.

These are available in three out let pressure ranges i.e. 5/60, 20/80 and 40/125 PSIG.

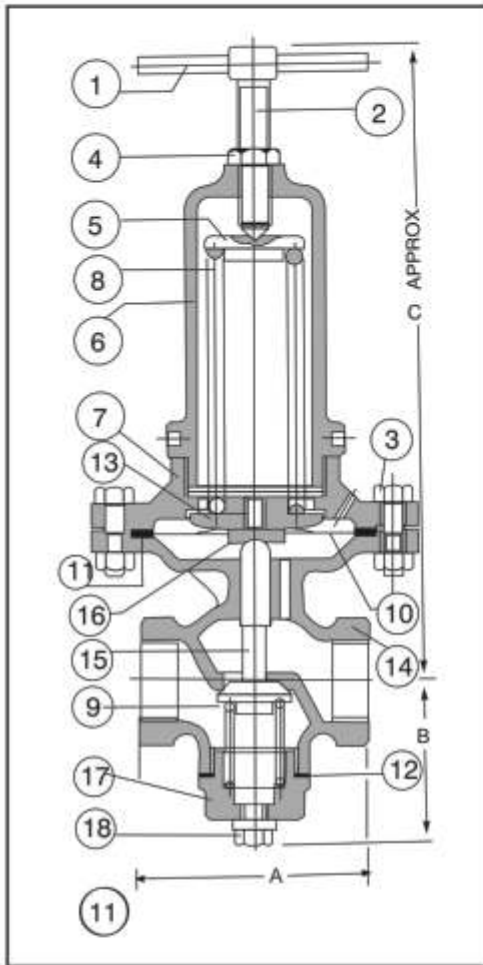
TESTING AND CERTIFICATION :

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

NOTE :

These valves can also be supplied for water and air service with Rubber diaphragm & Rubber seat with our own works test certificates.





DIMENSIONS			
NOMINAL SIZE	A	B	C
15 mm (½")	76.2	50	245
20 mm (¾")	108	68	290
25 mm (1")	114.5	80	360
32 mm (1¼")	133	90	365
40 mm (1½")	136.5	97	385
50 mm (2")	171.5	115	435

MATERIALS			
PART No.	NAME OF PART	MATERIAL	SPECIFICATION
1.	Tomy Bar	M.S.	----
2.	Spring Adjusting Screw	M.S.	----
3.	Nuts and Bolts	M.S.	----
4.	Check Nut	Bronze	IBR 282 (a) (IV) Gr. B
5.	Upper Spring Disc	Cast Iron	IS-210-Gr. FG 200
6.	Spring Chamber	Cast Iron	IS-210-Gr. FG 200
7.	Bonnet	Cast Iron	IS-210-Gr. FG 200
8.	Spring	Spring Steel	----
9.	Bottom Spring	Spring Steel	----
10.	Diaphragm	S.S.	AISI 304
11.	Joint Packing	Steam Jointing	----
12.	Joint Ring	Steam Jointing	----
13.	Bottom Spring Disc	Bronze	IBR 282 (a) (IV) Gr. B
14.	Body	Bronze	IBR 282 (a) (IV) Gr. B
15.	Valve Disc	Bronze	IBR 282 (a) (IV) Gr. B
16.	Seat Holding Disc	Bronze	IBR 282 (a) (IV) Gr. B
17.	Bottom Cover	Bronze	IBR 282 (a) (IV) Gr. B
18.	Plug	Bronze	IBR 282 (a) (IV) Gr. B