

**BRONZE**

## **SPRING LOADED SAFETY VALVE**

**SPECIALLY DESIGNED FOR  
SAFETY UNDER  
MAXIMUM PRESSURE**

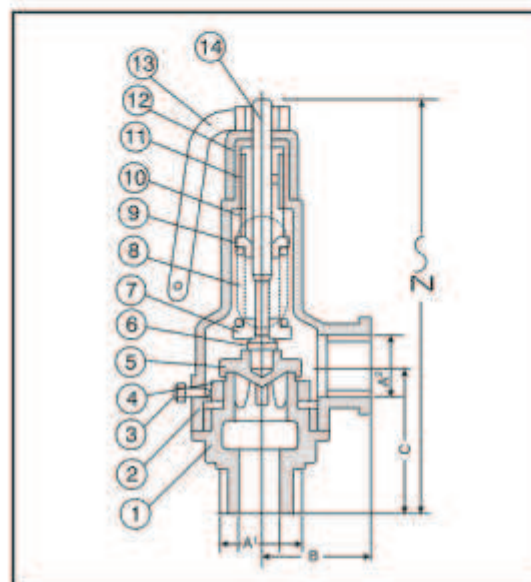
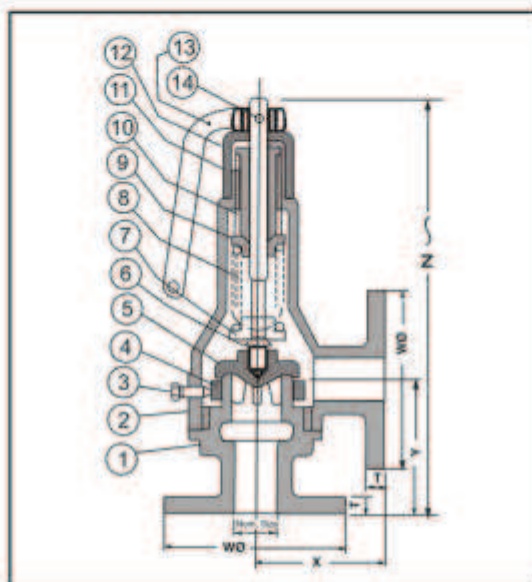
### **DESCRIPTION :**

'WJ' Bronze Spring Loaded Safety Valve screwed male ends BSPT Threads or flanged ends to BS-10 Table 'F'. Max Set pressure for these safety valves is 150 PSIG (10.54 Kg/Cm<sup>2</sup>g). These are manufactured in enclosed discharge and open discharge designs.

### **TESTING AND CERTIFICATION :**

All safety valves are set at the pressure required by the customer. Max set pressure being 150 PSIG (10.54 Kg/Cm<sup>2</sup>g). Each safety valve is supplied with IBR Test Certificate in Form III-C issued by The Director of Boilers, Punjab.





**DIMENSIONS**

NOMINAL SIZE	A <sup>1</sup>	A <sup>2</sup>	B	C	D	W	T	X	Y	Z
DN 15 (½")	½" BSPT	½" BSP	40	55	180	95.3	8	60	65	190
DN 20 (¾")	¾" BSPT	¾" BSP	50	65	190	102	8	65	75	200
DN 25 (1")	1" BSPT	1" BSP	55	75	215	121	9.5	75	85	225
DN 32 (1¼")	1¼" BSPT	1¼" BSP	60	85	253	133.5	9.5	80	90	258
DN 40 (1½")	1½" BSPT	1½" BSP	65	88	255	140	11.5	85	100	267
DN 50 (2")	2" BSPT	2" BSP	72	103	290	165	11.5	100	110	297
DN 65 (2½")	2½" BSPT	2½" BSP	90	120	360	184.5	13	110	125	365
DN 80 (3")	3" BSPT	3" BSP	105	135	385	203.5	14.5	120	140	390

**MATERIALS**

PART No.	NAME OF PART	MATERIAL	SPECIFICATION
1.	Body	Bronze	IBR 282 (a) (IV) Gr. B
2.	Chamber	Bronze	IBR 282 (a) (IV) Gr. B
3.	Locking Screw	Brass	----
4.	Regulating Ring	Bronze	IBR 282 (a) (IV) Gr. B
5.	Valve Disc	Bronze	IBR 282 (a) (IV) Gr. B
6.	Stem	Mn. Bronze	----
7.	Lower Spring Disc	Bronze	IBR 282 (a) (IV) Gr. B
8.	Spring	Spring Steel	----
9.	Upper Spring Disc	Bronze	IBR 282 (a) (IV) Gr. B
10.	Adjusting Screw	Bronze	IBR 282 (a) (IV) Gr. B
11.	Check Nut	Bronze	IBR 282 (a) (IV) Gr. B
12.	Cap	Bronze	IBR 282 (a) (IV) Gr. B
13.	Easing Lever	C.I.	IBR 86 to 93 Gr. A
14.	Locking Pin	S.S.	----