

C-22 Cast Iron Spring Loaded Full Lift Double Post Safety Valve

Description

- NETA Cast Iron Spring Loaded, Full Lift, Double Post Safety Valve
- 13% Cr. Stainless Steel (ASTM A182 Gr.Fa / AISI - 410)/ Monel (Ni.Cu. Alloy) Seats and 13% Cr. Stainless Steel (ASTM A182 Gr.Fa / AISI - 410) Stem
- Inlet Flange to IBR Table - 'F'

Test Pressure

Max. BOP : 150 PSIG

Max. Working Temperature : 220°C

Test Pressure : 300 PSIG Hyd.

Design Features

- Full lift is achieved by rapid opening within an over pressure of 5% of the Set Pressure.
- Each Safety Valve is provided with an easing lever.
- Each Valve is provided with cover of Adjusting Screw and Pad Lock to avoid unauthorised alteration of the Set Pressure.



Certification

IBR Test Certificate in FORM III-C duly signed by the Director of Boilers, Punjab is provided.

Application : Steam

HSN : 84818010

Materials

PNo.	Part	Nos.	Material	Standard
1	Cap	2	C.I.	IBR 86 to 93 Gr.A
2	Locking Pin	2	Bronze	IBR 282[a][iv] Gr.B
3	Stem	2	S.S. 13% Cr.	ASTM A182 Gr.F6a / AISI - 410
4	Adjusting Screw	2	Bronze	IBR 282[a][iv] Gr.B
5	Easing Lever	2	C.I.	IBR 86 to 93 Gr.A
6	Gasket	4	C.A.F.	IS:2712
7	Disc Guide	2	Bronze	IBR 282[a][iv] Gr.B
8	Locking Screw	2	M.S.	IS:1367
9	Blow Down Ring	2	Bronze	IBR 282[a][iv] Gr.B
10	Body Seat Ring	2	S.S. 13% Cr.	ASTM A182 Gr.F6a / AISI - 410
11	Body	1	C.I.	IBR 86 to 93 Gr.A
12	Pad Lock	2	M.S.	-
13	Check Nut	2	Bronze	IBR 282[a][iv] Gr.B
14	Bush	2	Bronze	IBR 282[a][iv] Gr.B
15	Upper Spring Disc	2	S.S. 13% Cr.	ASTM A182 Gr.F6a / AISI - 410
16	Spring	2	Carbon Steel	IBR 307 (a)
17	Spring Chamber	2	C.I.	IBR 86 to 93 Gr.A
18	Lower Spring Disc	2	S.S. 13% Cr.	ASTM A182 Gr.F6a / AISI - 410
19	Studs & Nuts	8 Each	M.S.	IS:1367
20	Disc	2	S.S. 13% Cr.	ASTM A182 Gr.F6a / AISI - 410

Dimensions

Nominal Size (Inches)	Nominal Size (mm)	A ±1	H	L
1	25	140	415	66.8
1.1/2	40	184.2	512	82.7



Nominal Size (Inches)	Nominal Size (mm)	A ±1	H	L
2	50	203	588	89

