

C-25 Cast Iron Spring Loaded Full Lift Single Post Safety Valve

Description

- Neta Cast Iron Spring Loaded Full Lift Single Post Safety Valve
- With 13% Cr. S.S. (AISI-410)/Monel (Ni, Cu Alloy) Seat
- 13% Cr. S.S. (AISI-410) Stem
- Inlet Flange to IBR Table F
- Outlet Flange to IBR Table D

Test Pressure

Max. Working Pressure : 150 PSIG Steam

Max. Working Temperature : 220°C

Test Pressure : 300 PSIG Hyd.

Design Features

- 25*40 – Inlet Flange to 25mm IBR Table F and out let Flange to 40mm IBR Table D.
- 40*50 – Inlet Flange to 40mm IBR Table F and outlet Flange to 50mm IBR table D.
- 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 for adjusting screw and pad lock to avoid unauthorised alteration of the set pressure.



Certification

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



Dimensions

Nominal Size (Inches)	Nominal Size (mm)	A	H	H1	D	D1
1 x 1.1/2	25 x 40	120	102	342	121	133.5
1.1/2 x 2	40 x 50	140	121	406.5	140	152.4

