

C-21 Cast Iron Spring Loaded Full Lift Single Post Safety Valve

Description

- NETA Cast Iron Spring Loaded, Full Lift, Single Post Safety Valve
- 13% Cr. Stainless Steel (ASTM A182 Gr.F6a /AISI - 410)/ Monel (Ni.Cu Alloy) Seats and 13% Cr. Stainless Steel (ASTM A182 Gr.F6a /AISI - 410) Stem
- Inlet Flange to IBR Table - 'F'
- Outlet Flange to IBR Table - 'D'

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	1	C.I.	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	C.I.	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	C.I.	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	Bronze / S.S. 13% Cr.	IBR 282[a][iv] Gr.B / ASTM A182 Gr.F6a / AISI - 410
16	Spring	1	Carbon Steel	IBR 307 (a)
17	Spring Chamber	1	C.I.	IBR 86 to 93 Gr.A
18	Lower Spring Disc	1	Bronze / S.S. 13% Cr.	IBR 282[a][iv] Gr.B / ASTM A182 Gr.F6a / AISI - 410
19	Studs & Nuts	To Suit	M.S.	IS:1367
20	Disc	1	S.S. 13% Cr. / Lumina	ASTM A182 Gr.F6a /AISI - 410 / Ni.Cu.ALLOY

Dimensions

Nominal Size (Inches)	Nominal Size (mm)	A ±3	H	H1 ±3
1	25	108	283	90



ISO 9001:2015 & ISO 14001:2015 CERTIFIED

Nominal Size (Inches)	Nominal Size (mm)	A ±3	H	H1 ±3
1.1/2	40	120	343	102
2	50	140	407	121
2.1/2	65	152	483	135
3	80	178	550	160
4	100	190	637	186

