

CS-23 Cast Steel Spring Loaded Full Lift Double Post Safety Valve

Description

- NETA Cast Steel Spring Loaded, Full Lift, Double Post Safety Valve
- 13% Cr. S.S.(ASTM A182 Gr.F6a / AISI - 410) Seats and 13% Cr. S.S.(ASTM A182 Gr.F6a / AISI - 410) Stem
- Inlet Flange as per ASME B16.5 Class-300 Raised Face

Test Pressure

Max. BOP : 250 PSIG

Max. Working Temperature : 400°C

Test Pressure : 500 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	Stem	2	S.S. 13% Cr.	AISI-410
3	Locking Pin	2	Bronze	IBR 282[a][iv] Gr.B
4	Pad Lock	2	M.S.	-
5	Adjusting Screw	2	Bronze	IBR 282[a][iv] Gr.B
6	Easing Lever	2	C.I	IBR 86 to 93 Gr.A
7	Check Nut	2	Bronze	IBR 282[a][iv] Gr.B
8	Bush	2	Bronze	IBR 282[a][iv] Gr.B
9	Upper Spring Disc	2	S.S. 13% Cr./M.S.	AISI-410/IS:1367
10	Spring	2	Carbon Steel	IBR-307(a)
11	Lower Spring Disc	2	S.S. 13% Cr./M.S.	AISI 410/IS:1367
12	Nuts & Studs	8 Each	M.S.	IS:1367
13	Spring Chamber	2	C.S.	ASTM A216 Gr.WCB
14	Gasket	2	Spiral Wound S.S. 304 Graphoil Filler with inner ring	-
15	Disc Guide	2	Bronze	IBR 282[a][iv] Gr.B
16	Disc	2	S.S. 13% Cr.	AISI-410
17	Locking Screw	2	M.S.	IS:1367
18	Blow Down Ring	2	Bronze	IBR 282[a][iv] Gr.B
19	Body Seat Ring	2	S.S. 13% Cr.	AISI-410
20	Body	1	C.S.	ASTM A216 Gr.WCB

Dimensions

Nominal Size	A	B	C	D	E
25MM	155.5	40.0	21.0	415	66.8
40MM	190.5	57.0	25.4	512	82.7
50MM	210.0	73.0	29.0	588	89.0



SINCE 1955



ISO 9001:2015 & ISO 14001:2015 CERTIFIED

