

12 Bronze Parallel Slide Blow Off Valve

Description

- NETA Bronze Parallel Slide Blow Off Valve
- With Monel / 18/ 8% Cr/Ni Stainless Steel (ASTM A351 Gr.CF8) Working Parts
- Rack & Pinion Operated
- Heavy Pattern
- Flanged BS-10 Table 'H' Ends
- With Operating Key

Test Pressure

Max. BOP : 250 PSIG

Max. Working Temperature : 220°C

Test Pressure : 500 PSIG Hyd.

Design Features

- These Valves embody the advantage and operation of Parallel Slide Valves offering unobstructed straight through full way flow area.
- The spring sandwiched between the two discs keeps the faces in sliding contact when under zero or low pressure conditions and thus removes any dirt or foreign matter from the contact faces.
- Effective closure is achieved by the up stream pressure forcing the disc face at the outlet end against its mating body seat.
- Operating Rack and Pinion arrangement gives full opening with half a turn of the operating key.
- Safety locking guard feature is incorporated in the gland which prevents the removal of box operating key unless the valve is closed.
- The pinion is provided with a stop which limits the rotary movement & eliminates straining of the tooth on rack & pinion.

Certification

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

Application : Steam, Water

HSN : 84818020

Materials

PNo.	Part	Nos.	Material	Standard
1	Bonnet	1	Bronze	IBR 282[a][iv] Gr.B
2	Studs and Nuts for Gland	2 Each	M.S.	IS:1367
3	Rack	1	Bronze / S.S. 18/8% Cr./Ni	IBR 282[a][iv] Gr.B / ASTM A351 Gr.CF8
4	Body	1	Bronze	IBR 282[a][iv] Gr.B
5	Gasket	1	C.A.F.	IS:2712
6	Body Seat Ring	2	Monel	Ni.Cu. Alloy
7	Male Disc	1	Monel	Ni.Cu. Alloy
8	Female Disc	1	Monel	Ni.Cu. Alloy
9	Spring	1	Spring Steel	IBR 307
10	Pinion	1	Bronze / S.S. 18/8% Cr./Ni	IBR 282[a][iv] Gr.B / ASTM A351 Gr.CF8
11	Gland	1	Bronze	IBR 282[a][iv] Gr.B
12	Gland Packing	-	Graphited Asbestos	-
13	Stuffing Box	1	Bronze	IBR 282[a][iv] Gr.B
14	Gasket	1	C.A.F.	IS:2712
15	Studs and Nuts for Body and Bonnet	To Suit	M.S.	IS:1367

Dimensions





Nominal Size (Inches)	Nominal Size (mm)	L ± 1.5	H App.
1	25	167	149
1.1/4	32	173	179
1.1/2	40	179.5	189
2	50	193.5	222
2.1/2	65	219.5	273

