

Cast Steel Parallel Slide Blow Off Valve (Flanged)

Article No. 1092



Salient Features

- Flanged Ends to BS 10 Table 'J'.
- Maintains fluid tightness and is easy in operation because of sliding action of discs.
- Discs are kept in close contact with body rings by means of a spring when the valve is under pressure.
- High Quality lubricated Gland Packing, Bolted Bonnet.
- Valve is operated by means of Rack and Pinion arrangement, in such a manner that valve is opened fully with half turn of the box key.
- Gland forms a locking guard which prevents removal of the key unless the valve is closed.

Suitable For

Steam	■
Water	■
Oil	
Air	
Gases	

Test Pressure (Hydraulic) Shell : 48 kg/cm²g (700 psig) Test Pressure (Steam) Seat : 24.50 kg/cm²g (350 psig)

Maximum Working Temperature 425°C

Materials of Construction

Name of Part	Material	Specification
Body & Bonnet	Cast Steel	IBR 73-80 Gr.B
Pinion	Stainless Steel	AISI 410
Stuffing Box, Gland & Rack	Bronze	IBR 282 (a) (iv) Gr.B
Discs & Body Seat Ring	Monel / S.S	ASTM B164 / AISI 410
Stud & Nut	Carbon Steel	IS 1367
Gasket	Steam Jointing Sheet	IS 2712 Gr. W/3
Spring	Stainless Steel	AISI 304
Packing	Braided Graphite	IS 4687
Box Key	Carbon Steel	IS 1871

Sizes / Dimensions

Inches	mm	A	B
1	25	178	194
1 1/4	32	241	210
1 1/2	40	267	238
2	50	305	261

