

1092 Cast Steel Parallel Slide Blow Off Valve (Flanged) I.B.R

Salient Features

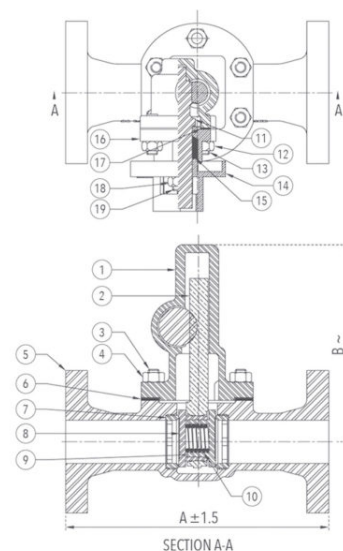
- Flanged Ends to BS 10 Table 'J'.
- Maintains fluid tightness and is easy in operation because of sliding action of discs.
- Discs are kept in close contact with body rings by means of a spring when the valve is under pressure.
- Premium Quality lubricated Gland Packing, Bolted Bonnet.
- Valve is operated 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.

Test Pressure (Hydrostatic) :
Shell : 48 kg/cm²g (700 psig)
Test Pressure (Steam) :
Seat : 24.50 kg/cm²g (350 psig)
Maximum Working Temperature : 425°C

Suitable For
Steam, Water

Materials

P.No.	Name of Part	Material of Construction	Specification	Qty.
1	Bonnet	Cast Steel	IBR 73 – 80 Gr. B	1
2	Rack	Bronze	IBR 282 (a) (iv) Gr. B	1
3	Studs	Alloy Steel	ASTM A 193 Gr. B7	As Req'd.
4	Nuts	H.T Steel	ASTM A 194 Gr. 2H	As Req'd.
5	Body	Cast Steel	IBR 73 – 80 Gr. B	1
6	Gasket	Steam Joining Sheet	IS 2712 Gr. W/3	1
7	Body Seat Ring	Stainless Steel	ASTM A 276 Type 410	1
8	Male Disc	Stainless Steel	ASTM A 276 Type 410	1
9	Female Disc	Stainless Steel	ASTM A 276 Type 410	1
10	Spring	Stainless Steel	IS 4454 Part 4 Gr. 2	1
11	Pinion	Stainless Steel	ASTM A 276 Type 410	1
12	Nuts	H.T Steel	ASTM A 194 Gr. 2H	As Req'd.
13	Studs	Alloy Steel	ASTM A 193 Gr. B7	As Req'd.
14	Gland	Bronze	IBR 282 (a) (iv) Gr. B	1
15	Gland Packing	Braided Graphite	IS 4687	-
16	Stuffing Box	Bronze	IBR 282 (a) (iv) Gr. B	1
17	Gasket	Steam Joining Sheet	IS 2712 Gr. W/3	1
18	Nuts	Alloy Steel	ASTM A 193 Gr. B7	As Req'd.
19	Studs	H.T Steel	ASTM A 194 Gr. 2H	As Req'd.



Sizes / Dimensions

Size (Inches)	Size (mm)	A ±1.5	B ~
1	25	178	180
1 1/4	32	241	190
1 1/2	40	267	220
2	50	305	244

~ ±10