

1094A Bronze Spring Loaded Safety Relief Valve, Enclosed Discharge (Screwed)

Salient Features

- Screwed Male End to IS 554 / BS 21 / ISO7.
- Enclosed Discharge Type.
- Metal to Rubber contact seating.

Test Pressure (Hydrostatic) :

Shell : 21.10 kg/cm²g (300 psig)

Seat : 10.55 kg/cm²g (150 psig)

Set Pressure Range : 0-10 kg/cm²g (Max.)

Maximum Working Temperature : 80°C

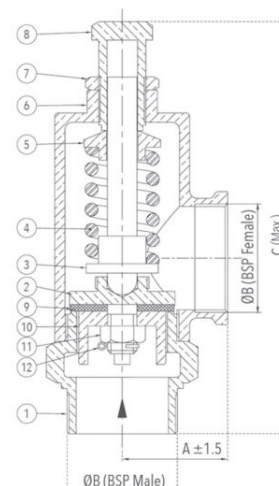
Suitable For

Water, Oil, Air



Materials

P.No.	Name of Part	Material of Construction	Specification	Qty.
1	Body	Bronze / Forged Brass	IS 318 Gr. LTB 2 / IS 6912 Gr. FLB	1
2	Disc	Bronze	IS 318 Gr. LTB 2	1
3	Stem	Bronze	IS 318 Gr. LTB 2	1
4	Spring	Spring Steel	EN 47 Gr. B	1
5	Spring Disc	Bronze	IS 318 Gr. LTB 2	1
6	Chamber	Bronze	IS 318 Gr. LTB 2	1
7	Check Nut	Bronze	IS 318 Gr. LTB 2	1
8	Adjusting Screw	Bronze	IS 318 Gr. LTB 2	1
9	Disc Facing	Nitrile Rubber	IS 5192 - 1	1
10	Guide	Bronze	IS 318 Gr. LTB 2	1
11	Nut	Brass	---	1
12	Split Pin	Brass	---	1



Sizes / Dimensions

Size (Inches)	Size (mm)	A ±1.5	B	C ~
1/2"	15*	33	1/2"	170
3/4"	20*	38.5	3/4"	170
1"	25*	45	1"	190
1 1/4"	32	45	1 1/4"	203
1 1/2"	40	47.5	1 1/2"	225
2"	50	57	2"	265

* For size 15, 20 & 25 the body is of Forged Brass

NOTE : Also available in Metal to Metal contact seating.