



Salient Features

- Screwed Female Ends to BSPT.
- Spring Loaded, Direct Acting, Metallic Diaphragm.
- Reduced Outlet Pressure Ranges are also available as 5/60, 20/80 and 40/125 psig.

Suitable For

Steam ■
Water
Oil
Air
Gases

Test Pressure (Hydraulic) 35.15 kg/cm²g (500 psig) Working Pressure (Steam) 17.58 kg/cm²g (250 psig)
Maximum Working Temperature 225°C

Materials of Construction

Name of Part	Material	Specification
Body	Bronze	IBR 282 (a) (iv) Gr.B
Main Valve Stem	Bronze	IBR 282 (a) (iv) Gr.B
Lower Spring Disc	Bronze	IBR 282 (a) (iv) Gr.B
Diaphragm	Stainless Steel	AISI 304
Cover, Chamber & Upper Spring Disc	Cast Iron	IBR 86-93 Gr. A
Check Nut	Bronze	IBR 282 (a) (iv) Gr.B
Bolt & Nut	Mild Steel	IS 1367
Gasket	Steam Jointing Sheet	IS 2712 Gr. W/3
Spring	Spring Steel	EN 47 Gr. B
Adjusting Screw	Carbon Steel	IS 1367
Tommy Bar	Carbon Steel	IS 1367

Sizes / Dimensions

Inches	mm	A	B
1/2	15	76	278
3/4	20	108	336
1	25	114	390
1 1/4	32	133	465
1 1/2	40	137	496
2	50	170	554

