ZOLOTO®
VALVES
since 1966

AN ISO 9001, 14001 & 45001
CERTIFIED COMPANY

1040A Bronze Compact Pressure Reducing Valve (Screwed)

Salient Features



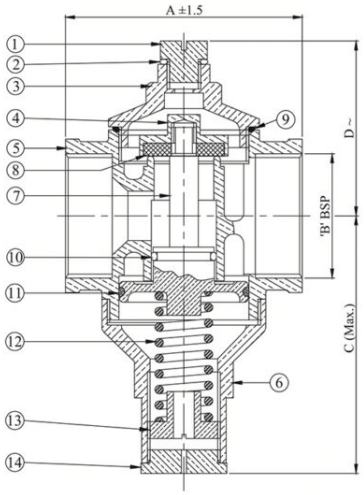
- Screwed Female Ends to IS 554/BS 21/ISO 7.
- Most ideal for sensitive & a consistent fluid regulation.
- Rugged body, compact sized, easy to install, rarely requires maintenance & virtually noiseless.
- Trim components have a distinct edge of being Hot Brass Forged.
- Provision provided to install a pressure gauge of 1/4" B.S.P size to measure/monitor the critically relevant Outlet Pressure.
- Designed to suit every application requiring accurate pressure ratings.
- No external source of energy required.
- All 'O' rings are of superior food grade rubber, hence ensuring absolute zero health hazard.

Test Pressure (Hydrostatic) :
Shell : 35 bar
Maximum Upstream Pressure : 25 bar
Maximum Working Temperature : 90°C
NOTE : At maximum inlet pressure 25 bar, the minimum outlet pressure will be 5.5 bar.

Suitable For
Water

Materials

P.No.	Name of Part	Material of Construction	Specification	Quantity
1	Plug	Forged Brass	IS 6912 Gr. FLB	1
2	O – Ring	Nitrile Rubber	IS 5192 – 1	1
3	Bonnet	Bronze	IS 318 Gr. LTB 2	1
4	Disc Holder	Bronze	IS 318 Gr. LTB 2	1
5	Body	Bronze	IS 318 Gr. LTB 2	1
6	Chamber	Bronze	IS 318 Gr. LTB 2	1
7	Piston	Bronze	IS 318 Gr. LTB 2	1
8	Disc	Nitrile Rubber	IS 5192 – 1	1
9	O – Ring / Gasket	PTFE (Gasket)	– – –	1
10	O – Ring	Nitrile Rubber	IS 5192 – 1	1
11	O – Ring	Nitrile Rubber	IS 5192 – 1	1
12	Spring	Spring Steel	EN 47 Gr. B	1
13	Adjustable Ring	Bronze	IS 318 Gr. LTB 2	1
14	Cap / Locking Ring	Bronze (Locking Ring)	IS 318 Gr. LTB 2	1



Sizes / Dimensions

Size (Inches)	Size (mm)	A ±1.5	B	C (Max.)	D ~
2 1/2	65	135	2 1/2″	160	97
3	80	160	3″	170	111
4	100	160	4″	185	125

~ ±10

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1040B Forged Brass Compact Pressure Reducing Value (Screwed)

Salient Features



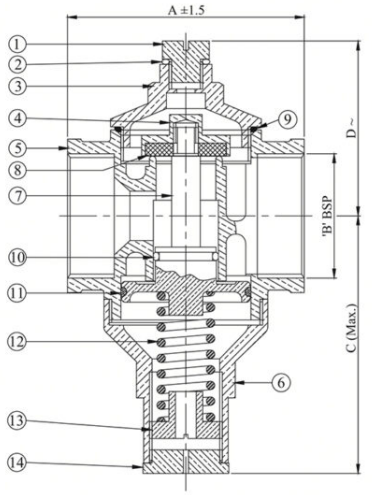
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Suitable For
Water

Materials

P.No.	Name of Part	Material of Construction	Specification	Quantity
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2	O – Ring	Nitrile Rubber	IS 5192 – 1	1
3	Bonnet	Forged Brass	IS 6912 Gr. FLB	1
4	Disc Holder	Forged Brass	IS 6912 Gr. FLB	1
5	Body	Forged Brass	IS 6912 Gr. FLB	1
6	Chamber	Forged Brass	IS 6912 Gr. FLB	1
7	Piston	Forged Brass / Bronze	IS 6912 Gr. FLB / IS 318 Gr. LTB 2	1
8	Disc	Nitrile Rubber	IS 5192 – 1	1
9	O – Ring / Gasket	Nitrile Rubber (O – Ring)	IS 5192 – 1	1
10	O – Ring	Nitrile Rubber	IS 5192 – 1	1
11	O – Ring	Nitrile Rubber	IS 5192 – 1	1
12	Spring	Spring Steel	EN 47 Gr. B	1
13	Adjustable Ring	Forged Brass	IS 6912 Gr. FLB	1
14	Cap / Locking Ring	PVC (Cap)	IS 15225	1



Sizes / Dimensions

Size (Inches)	Size (mm)	A ±1.5	B	C (Max.)	D ~
1/2	15	62	1/2″	88	64
3/4	20	62	3/4″	88	64
1	25	86	1″	105	71
1 1/4	32	91	1 1/4″	110	75
1 1/2	40	91	1 1/2″	110	75
2	50	91	2″	115	82

~ ±10

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