

PREETAM®

DI Pressure Reducing Valve

Automatically reduces higher inlet pressure to a stable downstream pressure.

Our Pressure Reducing Valve automatically reduces high inlet pressure to a stable, lower downstream pressure, irrespective of variations in flow rate or changes in inlet pressure. Functioning as a diaphragm regulator, it consistently maintains downstream pressure within predetermined limits without requiring user intervention.



DI Pressure Reducing Valve		
S.No	Description	Specification
1	Nominal Dia	DN50-DN800
2	Nominal Pressure	PN16
3	Flange Standard Conformity	IS:1538 Tbl 4 & 6 / IS:9523 PN10
4	Epoxy Coating	Epoxy powder coating RAL5005 with minimum thickness of 250 microns inside and outside.
5	Working Temperature(Max)	80°C
6	Casting Marking	DN** PN16 PREETAM Heat No.

*The designs, materials and specifications shown are subject to change without notice due to the continuous development of our product range

EPDM Diaphragm converts pilot pressure into vertical movement

Stem which ensures smooth and aligned movement

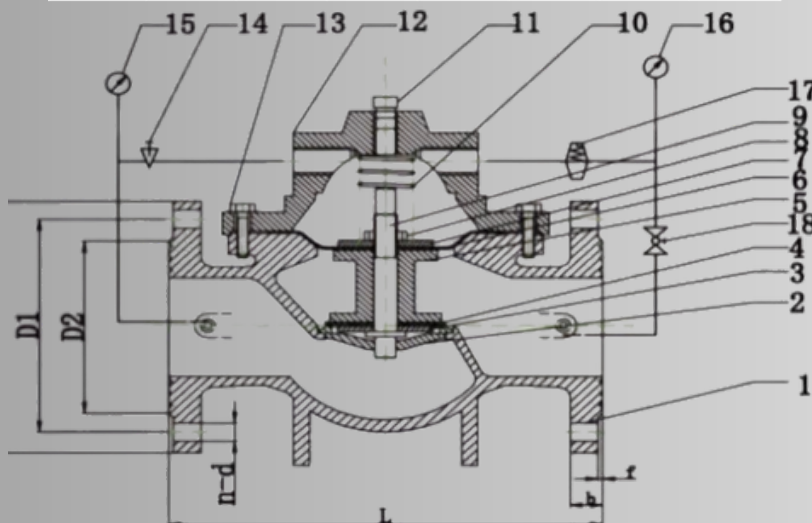
Main disc which regulates flow by modulating opening

Main Spring which controls the opening level of the disc based on pilot pressure

Top Cover / Bonnet bolted to the Body which provides access to the valve

Ductile Iron Valve Body

DN	L	D	C	B	n-d	b	f
50	240	160	125	99	4-19	19	3
65	240	180	145	119	4-19	19	3
80	292	195	160	133	8-19	19	3
100	325	215	180	154	8-19	19	3
125	340	245	210	184	8-19	19	3
150	400	280	240	210	8-23	19	3
200	435	335	295	265	12-23	20	3
250	510	405	350	319	12-23	22	3
300	600	460	400	370	12-23	24.5	4
350	675	520	460	429	16-23	26.5	4
400	730	575	515	480	16-28	28	4
450	720	635	565	530	20-28	30	4
500	790	710	620	582	20-28	31.5	4
600	970	840	725	682	20-31	36	5
700	1120	910	840	794	24-31	39.5	5
800	1200	1025	950	901	24-34	35	5



S.No	Part	Material
1	Body	Ductile Iron GGG50
2	Seat	Brass
3	Plate	CS
4	Sealing	EPDM
5	Disc	Ductile Iron GGG50
6	Diaphragm	EPDM
7	Plate	CS
8	Nut	Stainless Steel
9	Stem	SS410
10	Spring	Stainless Steel
11	Plug	SS304
12	Bonnet	Ductile Iron GGG50
13	Bolts	A2-70
14	Needle Valve	SS304
15	Pressure Gauge	-
16	Pressure Gauge	-
17	Pilot Valve	SS304

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