

PREETAM®

DI Pressure Relief Valve

Reliable Overpressure Protection for Water Networks and Pumping Systems

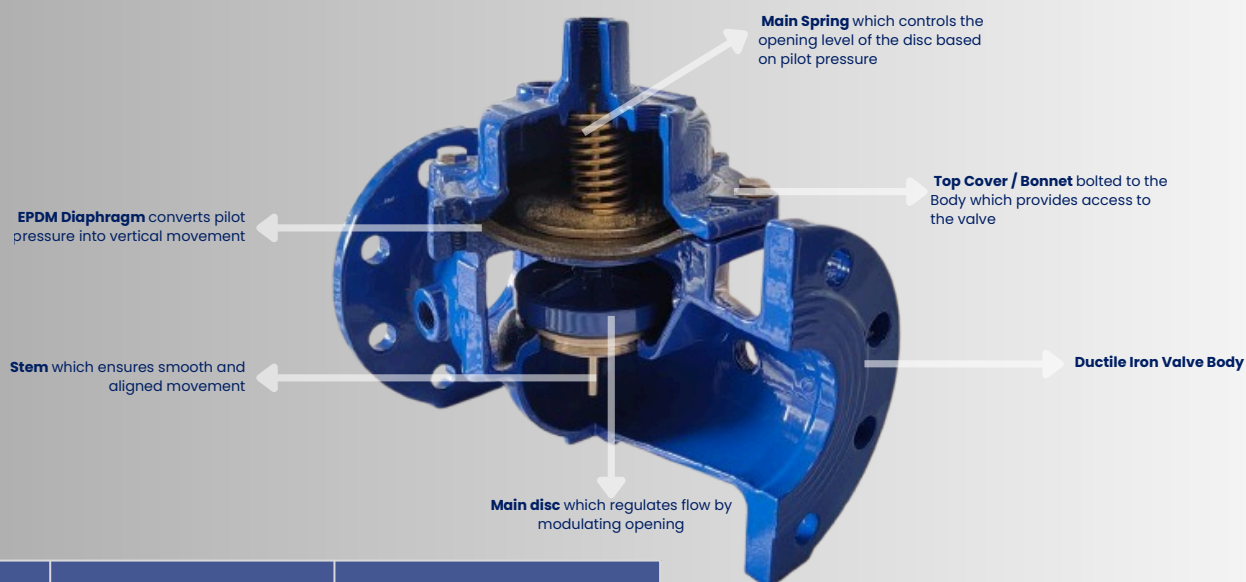


Our Ductile Iron Pressure Relief Valves are designed to automatically protect water pipelines, pumps, and equipment from excess pressure by relieving surges and maintaining system safety. These pilot-operated valves respond to pressure spikes by opening proportionally, discharging excess pressure and then closing smoothly once system pressure returns to safe levels.

Manufactured from robust ductile iron and coated with fusion-bonded epoxy, these valves offer long-lasting performance, minimal maintenance, and are suitable for both clean and mildly aggressive water. Whether installed downstream of pumps or at pressure-sensitive points in a network, they help ensure stable operation and prevent costly damage from pressure fluctuations.

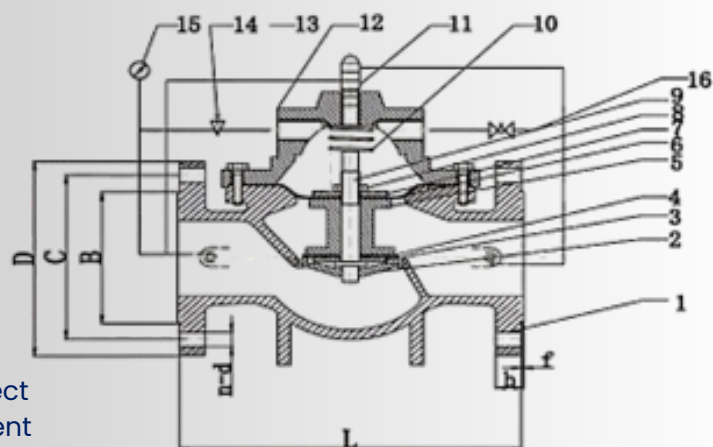
*The designs, materials and specifications shown are subject to change without notice due to the continuous development of our product range

DI Pressure Relief 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** GGG50 PN16 PREETAM Heat No.



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	Pressure Relief Pilot Valve	SS304
12	Bonnet	Ductile Iron GGG50
13	Bolts	A2-70
14	Needle	SS304
15	Pressure Gauge	-
16	Globe Valve	SS304

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



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