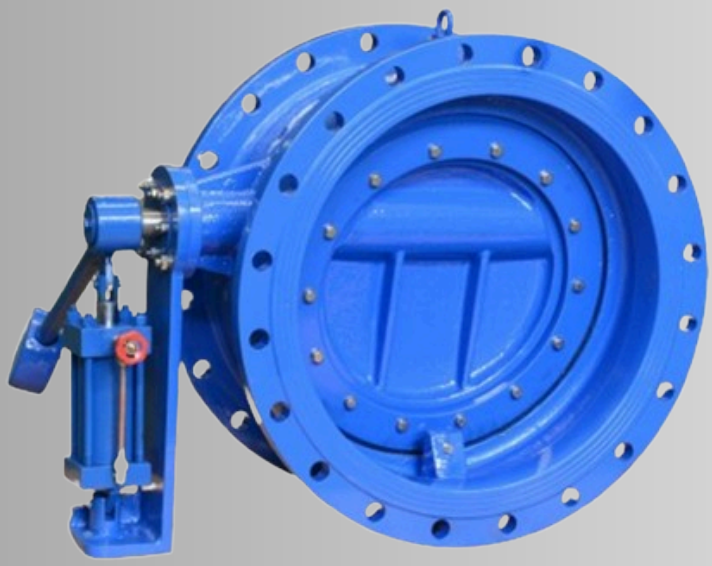
PREETAM®

DI Tilting Disc Check Valves

Fast-Closing, Low-Head Loss Backflow Prevention for Water Systems.

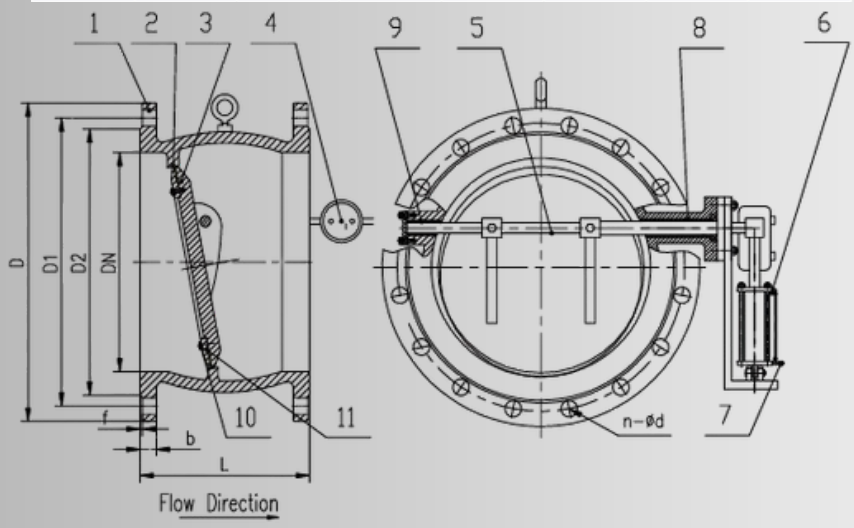
Our Ductile Iron Tilting Disc Check Valves provide high-performance backflow protection for water and wastewater systems. They feature a hemispherical disc with a 59° seat inclination, ensuring quick opening and closing to minimize water hammer while allowing low head loss and full-bore flow. The disc tilts around a pivot above its centerline for rapid closure during reverse flow, enabling smooth, vibration-free operation in fluctuating pressure environments. These valves are ideal for critical pump discharge lines, transmission mains, and industrial flow control systems.

Manufactured in accordance to the Face to Face Dimensions of EN558-1, series 14 / ISO5752 and Flange Drilling Dimensions are in conformity with IS:1538



DI Tilting Disc Check Valve		
S.No	**Description**	**Specification**
1	Nominal Dia	DN200-DN1200
2	Nominal Pressure	PN16
3	Valve design Standard	-
4	Face to face Standard	EN558 & ISO5752 series-14
5	Flange Standard Conformity	IS:1538 Tbl 4&6 / IS:9523 PN10
6	Testing Standard	EN12266-1
7	Epoxy Coating	Epoxy powder coating RAL5005 with minimum thickness of 250 microns inside and outside.
8	Working Temperature(Max)	120°C
9	Casting Marking	DN** GGG50 PN16 PREETAM Heat No.

DN	L	D	D1	D2	b	f	n-d
200	230	340	295	266	24	2	8-22
250	250	395	350	319	26	2	12-22
300	270	445	400	370	26	2	12-22
350	290	505	460	429	26	2	16-22
400	310	565	515	480	26	2	16-26
450	330	615	565	530	28	2	20-26
500	350	670	620	582	28	2	20-26
600	390	780	725	682	28	2	20-30
700	430	895	840	794	34	5	24-30
800	470	1015	950	901	36	5	24-33
900	510	1115	1050	1001	38	5	28-33
1000	550	1230	1160	1112	38	5	28-36
1200	630	1455	1380	1328	44	5	28-36



S.No	Part	Material
1	Body	Ductile Iron GGG50
2	Retainer Ring	Ductile Iron GGG50
3	Disc	Ductile Iron GGG50 + NBR
4	Counter Weight	Cast Iron
5	Shaft	SS410
6	Hydraulic Damper	-
7	Needle Valve	Brass
8	Shaft Bearing	Brass
9	Shaft Bearing	Brass
10	Bolts	SS
11	Plate	Carbon Steel

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