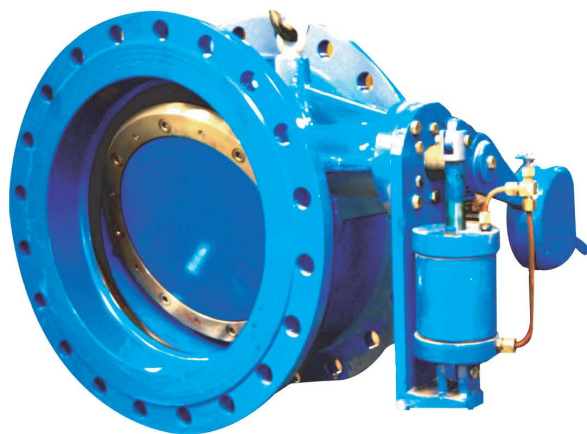




SAUDI PIPE SYSTEMS CO.

TILTING DISC CHECK VALVE CHF-113



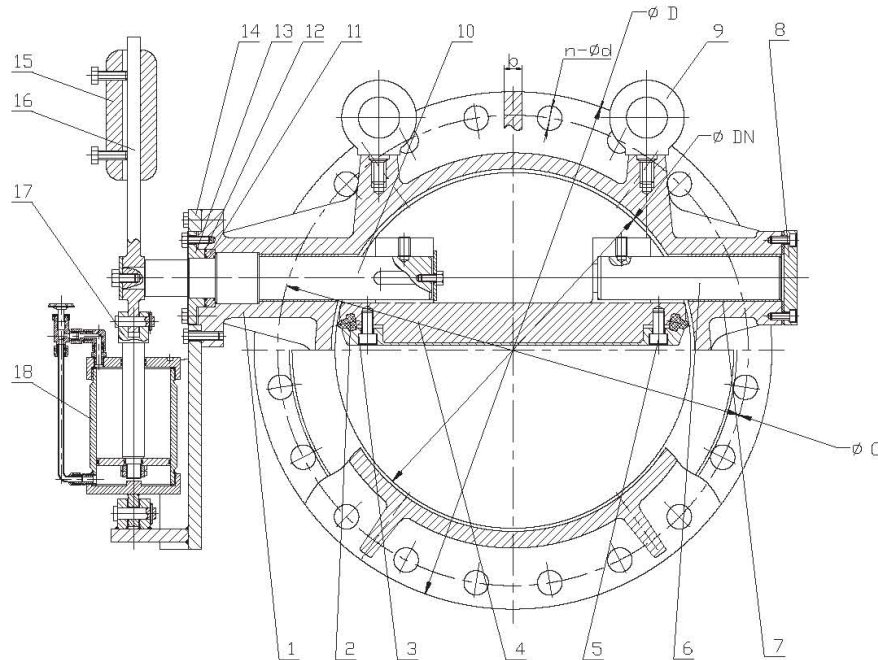
Working Pressure	: 10 / 16 / 25 Bar.
Drilling	: DIN 2501 , ISO 2531
Application	: Water , Drinking water , Sewer water, Chilled Water
Face to face	: DIN 3202 - F4 / ISO 5752 - 14
Option	: With Hydraulic damper for anti hammer
Coating	: Epoxy powder coating (200 - 300) microns

Design Mechanical Data, Dimension , Materials and weight are subject to change without notice



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MATERIAL LIST			
NO	COMPONENT	MATERIAL	SPEC.
1	Body	Ductile iron to DIN EN 1563	GGG50
2	Disc seat ring	Rubber	NBR 70 or EPDM
3	Disc seat ring cover	Stainless steel	x5CrNi189 / SS 304
4	Disc	Ductile iron to DIN EN 1563	GGG50
5	Bolt	Stainless steel	x5CrNi189 / SS 304
6	Down Shaft	Stainless steel	x20Cr13 / SS 304
7	Down shaft bearing	Stainless steel with PTEF lining	
8	Shaft end cover	Ductile iron to DIN EN 1563	GGG50
9	Lug Bolt	steel	
10	Up Shaft	Stainless steel	x20Cr13 / SS 304
11	Seat of shaft	Stainless steel	x20Cr13 / SS 304
12	"O" ring	NBR	
13	Gland	Ductile iron	GGG50
14	Frame	steel	
15	Weight	Cast iron	GG25
16	Lever	steel	
17	Piston rod	steel	
18	Cylinder	steel	

Nominal size	Face-to-face	Dimensions of DIN 2501 PN16 flanges			
	L	ϕD	ϕC	n- ϕd	b
DN100	190	220	180	8-18	19
DN150	210	285	240	8-22	19
DN200	230	340	295	12-22	20
DN250	250	405	355	12-26	24
DN300	270	460	410	12-26	24.5
DN350	290	520	470	16-26	26.5
DN400	310	580	525	16-30	28
DN450	330	640	585	20-30	30
DN500	350	715	650	20-33	31.5
DN600	390	840	770	20-36	36
DN700	430	910	840	24-36	39.5
DN800	470	1025	950	24-39	43
DN900	510	1125	1050	28-39	46.5
DN1000	550	1255	1170	28-42	50
DN1200	630	1485	1390	32-48	57

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