DCV10 Tilting Check Valve



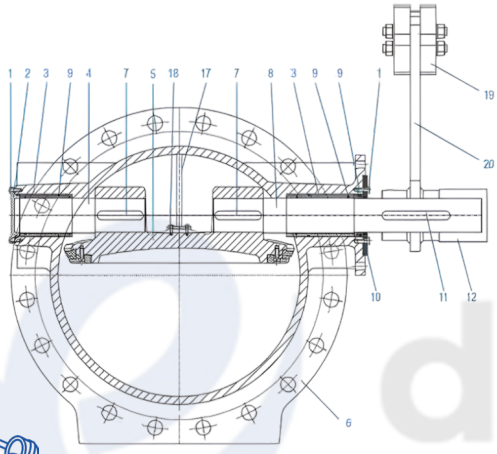
DCV10 Tilting Check Valves provide dependable non-return protection for water, wastewater, and industrial applications. Their tilting disc design allows rapid response to flow changes, minimizing water hammer and ensuring smooth operation. Engineered with corrosion-resistant materials and precision components, they deliver tight sealing, low maintenance requirements, and long-lasting performance in demanding environments. With easy installation and reliable functionality, DCV10 valves are an excellent choice for modern pipeline systems, offering consistent efficiency and durability over time.

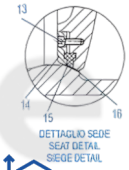
Areas of Application

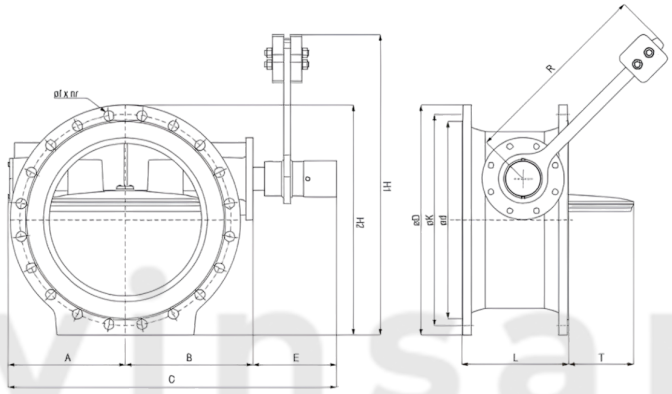
Water Treatment Facilities
HVAC Systems
Industrial Process Lines
Pumping Stations
Mining and Mineral Processing
Power Generation Plants

Operation Versions

Hydraulic Unit







Material Specifications

Nu	Part Name	Material
1	Bolts	8.8 Galvanized - SS
2	Cover	EN-GJS-400-15 (GGG40)
3	Bearing	Bronze
4	Shaft	AISI420 / AISI304 / AISI316
5	Disc	EN-GJS-400-15 (GGG40)
6	Body	EN-GJS-400-15 (GGG40)
7	Key	AISI420 / AISI304 / AISI316
8	Driving Shaft	AISI420 / AISI304 / AISI316
9	O-Rings	EPDM / NBR / FKM
10	Cover	Bronze
11	Key	AISI420 / AISI304 / AISI316
12	Cover	S235JR
13	Screw	AISI420 / AISI304 / AISI316
14	Seal Retainer Ring	EN-GJS-400-15 (GGG40)
15	Seal Ring	EPDM / NBR / FKM
16	Body Seat	S235JR
17	Stopper	Steel
18	Bolts	8.8 Galvanized - SS
19	Counterweight	S235JR
20	Arm	S235JR

Dimensions

DN	L	PN 10			PN 16			PN25			Weight
		D	K	n-d	D	K	n-d	D	K	n-d	
80	180	200	160	19x8	200	160	19x8	200	160	19x8	31
100	190	220	180	19x8	220	180	19x8	235	190	23x8	35
125	200	250	210	19x8	250	210	19x8	270	220	28x8	40
150	210	285	240	23x8	285	240	23x8	300	250	28x8	45
200	230	340	295	23x8	340	295	23x12	380	310	28x12	57
250	250	400	350	23x12	405	355	28x12	425	370	31x12	70
300	270	455	400	23x12	460	410	28x12	485	430	31x16	130
350	290	505	460	23x16	520	470	28x16	555	490	34x16	165
400	310	565	515	28x16	580	525	31x16	620	550	37x16	200
450	330	615	565	28x20	640	585	31x20	670	600	37x20	225
500	350	670	620	28x20	715	650	34x20	730	660	37x20	270
600	390	780	725	31x20	840	770	37x20	845	770	41x20	430
700	430	895	840	31x24	910	840	37x24	960	875	44x24	490
800	470	1015	950	34x24	1025	950	41x24	1085	990	50x24	705
900	510	1115	1050	34x28	1125	1050	41x28	1165	1090	50x28	957
1000	550	1230	1160	37x28	1255	1170	44x28	1320	1210	57x28	1200
1100	590	1340	1270	38x32	1355	1270	44x32	1420	1310	57x32	1410
1200	630	1455	1380	41x32	1485	1390	50x32	1530	1420	57x32	1725
1300	670	1585	1490	42x32	1585	1490	50x32	1640	1530	57x32	2200
1400	710	1675	1590	44x36	1685	1590	50x36	1755	1640	62x36	2600
1500	750	1785	1700	44x36	1820	1710	57x36	1865	1740	62x36	3813
1600	790	1915	1820	50x40	1930	1820	57x40	1975	1860	62x40	4750
1800	870	2115	2020	50x44	2130	2020	57x44	2195	2070	70x44	6100
2000	950	2325	2230	50x48	2345	2230	62x48	2425	2300	70x48	7300
2200	1030	2555	2440	56x56	2555	2440	62x56	-	-	-	8200
2400	1600	2760	2650	56x56	2760	2650	62x56	-	-	-	9000