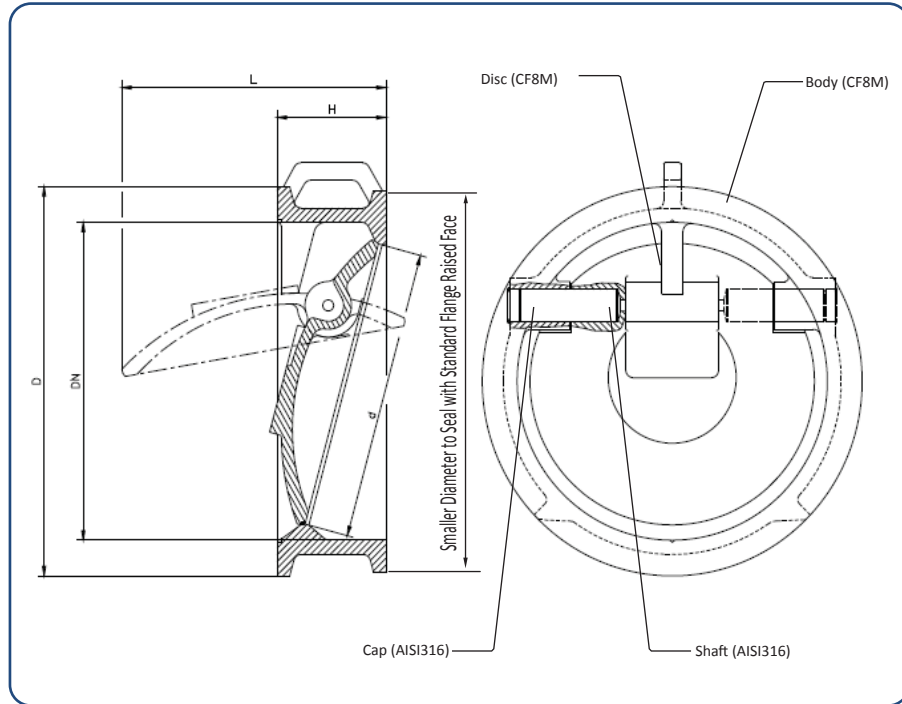




DN 40 - DN 600
1½" - 24"

Fig. C 9000 Tilting Disc Check Valve



Design Features

- Wafer Style One Piece Body Design
- Design appropriate for Liquid with Solids Concentration of 5% max.
- Oblique Seat Design
- Optional Spring Loaded Disc
- Quick Closing Action
- Opnes Completely with Low Pressure Drop and at Low Velocities

Technical Data

- Standard Flange Connection Dimensions Are according to ANSI Class-150
- Other Flange Connections Such as DIN PN6, PN10, PN16 or British Standards Are Available Upon request.
- Face to Face as Per Manufacturer Standards
- Tested as Per API 598
- This Valve Also Available in 30" and 36" Sizes Upon Request

Dimensions, Weight & Coefficient of Flow

Size		D		d		H		L		Coefficient of Flow		Weight	
DN	inch	mm	inch	mm	inch	mm	inch	mm	inch	Kv	Cv	lbs	kg
40	1½	85.0	3.35	34.0	1.34	33.0	1.30	45.0	1.77	42	48		
50	2	102.0	4.02	44.0	1.73	43.0	1.69	60.0	2.36	52	60	3.3	1.5
65	2½	121.0	4.76	58.0	2.28	46.0	1.81	70.0	2.76	101	117	5.7	2.6
80	3	134.0	5.28	72.0	2.83	64.0	2.52	90.0	3.54	151	175	8.1	3.7
100	4	172.0	6.77	90.0	3.54	64.0	2.52	102.0	4.02	221	255	10.1	4.6
125	5	194.0	7.65	112.0	4.41	70.0	2.76	120.0	4.72	268	310	17.6	8.0
150	6	219.0	8.62	135.0	5.31	76.0	2.99	140.0	5.51	510	590	22.0	10.0
200	8	273.0	10.75	180.0	7.09	89.0	3.50	185.0	7.28	740	855	39.6	18.0
250	10	337.0	13.27	225.0	8.86	114.0	4.49	220.0	8.66	1096	1267	52.9	24.0
300	12	407.0	16.02	270.0	10.63	114.0	4.49	262.0	10.31	1903	2200	83.7	38.0
350	14	448.0	17.64	315.0	12.40	127.0	5.00	310.0	12.20	2941	3400	105.7	48.0
400	16	512.0	20.16	365.0	14.37	140.0	5.51	360.0	14.17	3763	4350	145.4	66.0
450	18	547.0	21.54	420.0	16.54	152.0	5.98	400.0	15.75	5061	5850	204.8	93.0
500	20	604.0	23.78	460.0	18.11	152.0	5.98	450.0	17.72	7093	8200	253.3	115.0
600	24	715.0	28.15	555.0	21.85	178.0	7.01	535.0	21.06	9948	11500	396.5	180.0