



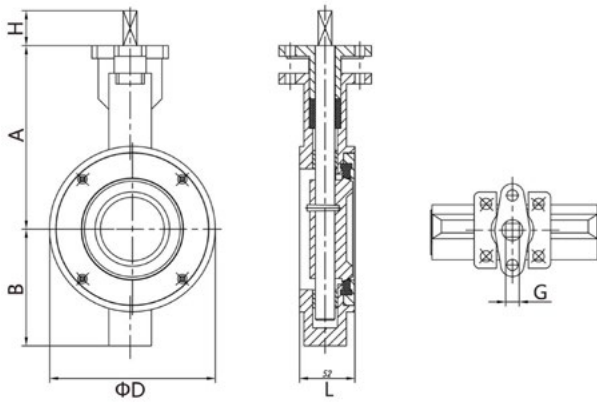
SPECIFICATIONS

DN mm	DN50 - DN300
DN inch	2" - 12"
Liner	PTFE
Temperature	PTFE -40°C to 200°C
Type of body	Wafer
Application	Chemical and petrochemical, Hot water and steam system, Heating system, Vacuum system, Shipbuilding, Gas treatment, Harsh engineering
Flange	ASA150, PN 10, PN 16, PN 25, PN 40
Face to face	ASME B16.10 table 9
Shell tightness test	According to EN 12266-1 resistance and tightness of the body : test P11 (1,5 x allowable operating pressure)
Seat tightness test	According to EN 12266-1 seat tightness : test P12 rate A (1,1 x allowable operating pressure)
Top flange	EN ISO 5211
Options	Other specifications on request

ADVANTAGES

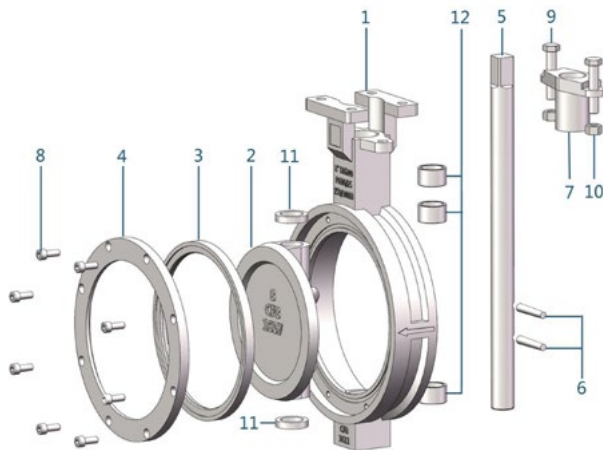
1. Can be On/Off or modulating valve for gas or liquid
2. Double eccentric design
3. Positioning bracket mounting assisting
4. Two sealing systems: PTFE and Rubber
5. Maximum working temperature: up to 200°C
6. Stable use under high pressure and high frequency operating conditions
7. Bidirectional, zero leakage
8. Low torque

DIMENSIONS



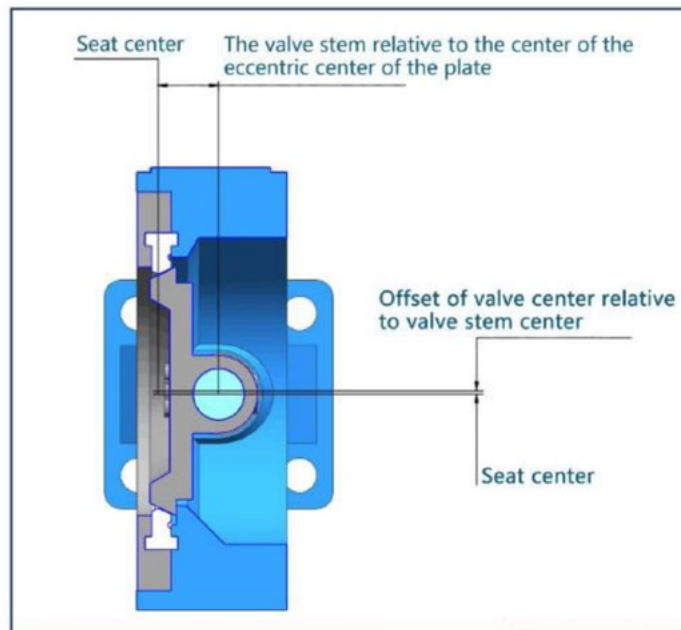
DN mm	DN inch	PFA	A	B	ΦD	L	Top fange	H	G
50	2"	40	154	78	110	43	F07	21	11
65	2 1/2"	40	154	78	110	43	F07	21	11
80	3"	40	166	88	135	46	F07	21	11
100	4"	40	187	103	158	52	F07	26	14
125	5"	40	198	118	188	56	F07	26	14
150	6"	40	220	133	216	56	F07	26	14
200	8"	25	260	166	270	60	F10	31	22
250	10"	25	313	196	330	68	F10	36	22/27
300	12"	25	350	230	380	78	F12	36	27

NOMENCLATURE



Designation	Materials
1. Body	Carbon steel WCB, stainless steel 316
2. Disc	Stainless steel 304, stainless steel 316
3. Seat	PTFE, EPDM, FKM
4. Pressure ring	Stainless steel 304, stainless steel 316
5. Stem	Stainless steel 416, stainless steel 431
6. Pin	Stainless steel 304, stainless steel 316
7. Packing gland	Stainless steel 304, stainless steel 316
8. Bolt	Stainless steel 304
9. Bolt	Stainless steel 304
10. Nut	Stainless steel 304
11. Stem sleeve	Stainless steel 304
12. Bearing	Brass





FLOW COEFFICIENT KV

- Right values listed in Table Kv (m³ / h) of water Temperature 5°C~30°C (41°F~86°F)
 Differential pressure Δ P = measured water flow 1bar the amount

- Kv listed in the table on the right is European water authority Laboratories measured

DN [mm]	inch [in]	Opening angle							
		20°	30°	40°	50°	60°	70°	80°	90°
50-65	2-2½	1,5	7	18	22	23	24	25	25
80	3	7	30	50	68	82	97	113	115
100	4	22	60	97	119	164	199	223	251
125	5	45	100	152	195	256	346	452	493
150	6	63	109	162	250	391	588	814	845
200	8	96	168	301	509	742	1107	1581	1747
250	10	264	458	682	980	1421	2083	2882	2889
300	12	397	625	956	1368	1938	2778	3794	3940

Factory reserved the right to modify the parameters

- Allow maximum media flow rate:
 Liquid: up to 4.5m/s
 Gas: Max 70m/s

- When the opening is 30°~70°, the flow rate And approximate to linear

- should avoid cavitation
 For more data, please contact our work Engineer

