

Electric Flanged Concentric Butterfly Valve



PRODUCT OVERVIEW

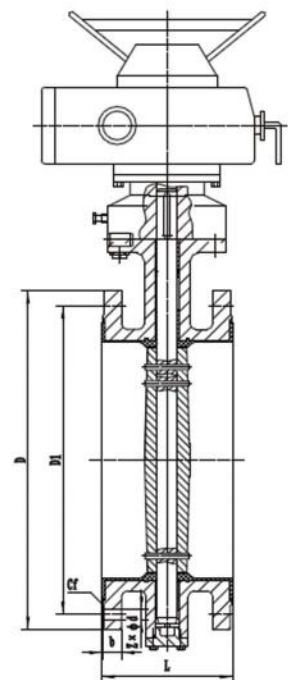
Body material:	Gray cast iron/Ductile cast iron
Size range:	DN50 ~ 800mm
Pressure rating:	1.0 ~ 1.6MPa
Operating temperature:	0 ~ 80°C
End connection:	Flanged
Applicable medium:	Water, Sewage
Mode of operation:	Manual
Applicable industry:	Water & Water Treatment, Power Generation, Pulp & Paper, Municipal
Design & Manufacture:	API, ASME, ASTM, ANSI, BS, DIN, JIS, ISO, GB

DESIGN FEATURES

1. The valve is small in size, light in weight, and simple for operation.
2. It is of a half-shaft structure for rapid opening by rotating 90° . The plate is characterized by high strength, large flow area, small flow resistance and energy saving.
3. The medium flow can be switched on or off by any direction on both sides of the flanged butterfly valve.
4. The valve can be operated with a small torque, and it is labor-saving and light.
5. It is subject to up to 10,000 times of opening and closing experiments, and so the life is long.
6. It is capable of achieving the complete sealing, and no gas is leaked in the experiment.

VALVE MATERIAL LIST

Part Name	Part Material
Valve body	Gray cast iron+NRB, Nodular cast iron +NRB
Disc Plate	QT450-10
Valve shaft	45/2Cr13
O-ring	NBR



TECHNICAL SPECIFICATIONS

DN	L	D		D1		b-f	z-Φ d	
		10	16	10	16		10	16
50	108	160		125		20-3	4-Φ 18	
65	112	180		145		20-3	4-Φ 18	
80	114	195		160		22-3	8-Φ 18	
100	127	215		180		22-3	8-Φ 18	
125	140	245		210		24-3	8-Φ 18	
150	140	280		240		24-3	8-Φ 23	
200	152	335		295		26-3	8-Φ 23	12-Φ 23
250	165	390	405	350	355	28-3	12-Φ 23	12-Φ 28
300	178	440	460	400	410	28-4	12-Φ 23	12-Φ 28
350	190	505	520	460	470	30-4	16-Φ 23	16-Φ 28
400	216	565	580	515	525	32-4	16-Φ 28	16-Φ 31
450	222	615	640	565	585	32-4	20-Φ 28	20-Φ 31
500	229	670	715	620	650	34-4	20-Φ 28	20-Φ 34
600	267	780	840	725	770	36-5	20-Φ 31	20-Φ 37
700	292	895		840		40-5	24-Φ 31	
800	318	1015		950		40-5	24-Φ 34	