

## YFD342X

### Double Eccentric Flanged Butterfly Valve

Model	YFD342X
Size Range	100mm~2600mm(4"~104")
Pressure Range	PN6~16;JIS5K~10K;Class150
Temperature Range	-20℃~150℃
Body Materials	DI
Disc Materials	DI,CF8,CF8M,CF3,CF3M,2507,C954
Seat Materials	EPDM,NBR
Stem Materials	45#,SS410,SS431,SS304,SS316
Connection Type	Flange
Installation Direction	Bidirectional
Design Standard	EN593
Face to Face	13/14 to-EN558 ISO5752-and BS5155
Flange Drilling	EN1092-1 (DIN2501)
Top connection	ISO5211
Inspection	API598
Coating	Electrostatic Powder Epoxy/Spray
Medium	Water,Oil,Gas



## KEY FEATURES



### Double Eccentric Structure

The valve stem is offset, forming a cam-like opening and closing trajectory. The disc only contacts the valve seat at small angles at the start and end of the opening/closing process, which greatly reduces friction and extends the service life of sealing components.



### Hydrodynamic Disc Design

The disc shape is tailored to fluid mechanics, reducing water flow resistance and turbulence, cutting energy consumption, and minimizing pipeline vibration and noise.



### Bidirectional Sealing

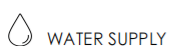
It supports bidirectional zero-leakage shutoff, with no flow direction restrictions during installation. This reduces installation errors and rework costs, and can replace check valves to reduce inventory types.

## DIMENSION

DN(mm)	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000	1100	1200	1400	1500	1600	1800	2000
Series 13 Length (mm)	190	210	230	250	270	290	310	330	350	390	430	470	500	550	590	630	710	750	790	870	950	1030
Series 14 Length (mm)	127	140	140	152	165	178	190	216	222	229	267	292	318	330	410	410	470	530	530	600	670	760
Torque N.m (0.6Mpa)	34.9	53.8	84.5	154	249	371	466	632	831	1093	1679	3010	3963	4913	8367		11733					
Torque N.m (1.0Mpa)	37.1	57.9	93.9	173	286	429	550	755	1012	1350	2111	3272	4308	5257	8926		12555					
Torque N.m (1.6Mpa)	39.8	61.9	102	192	323	490	625	846	1131	1432	2301	4253	4897	6834	11603		16321					

Note:Larger sizes available upon request.

## APPLICATIONS



WATER SUPPLY



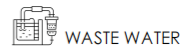
MARINE



INDUSTRY



HVAC



WASTE WATER