

## YFD43H Triple Eccentric Flanged Butterfly Valve



Model	YFD43H
Size Range	50mm~2400mm (2"~96")
Body Style	Flanged
Temperature Range	-29°C~425°C
Pressure Range	PN6~64, JIS10K~40K, Class150~900,
Body Materials	WCB, LCC, LC1, WC6, CF8, CF8M, 321, 904L
Disc Materials	WCB, LC1, WC6, CF8, CF8M, 321, 316Ti, 904L, 310S
Stem Materials	420, 17-4PH, 304, 316, 321
Seat Materials	304+Graphite, EPDM, PTFE, Viton, Metal to metal
Installation Direction	Unidirectional, Bidirectional
Face to Face	GB/T12221, BS EN558-1
Design	GB/T12238, BS EN593, API609
Flange Drilling	ASME B16.5, EN1092, GOST33259, DIN2501
Top connection	ISO5211, GOST55510
Inspection	GB/T13927, ISO5028, API598, JB/T9092

### KEY FEATURES



**Triple Eccentric & Streamlined Structure**  
Triple eccentric design cuts friction and wear for longer service life. Optimized streamlined body reduces pressure loss and boosts flow efficiency.



**Metal Hard Sealing with Zero Leakage**  
Metal-to-metal hard sealing meets Class V leakage standard. Bidirectional tight shutoff ensures stable performance under extreme working conditions.



**High Durability & Wide Adaptability**  
Composite seal ring and hard-faced disc deliver strong wear, erosion and corrosion resistance. It fits high/low temperature and complex industrial scenarios.

### DIMENTION

DN(mm)	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000	1200
Length(mm)	108	112	114	127	140	140	152	165	178	190	216	222	229	267	292	318	330	410	470
Torque N.m (0.6Mpa)	25	29	34	61	104	178	201	353	635	819	1047	1451	2043	2779	3080	3912	5275	6915	12540
Torque N.m (1.0Mpa)	29	35	57	102	165	250	400	518	992	1623	1944	2451	3285	5548	6331	7307	8474	11717	20563
Torque N.m (1.6Mpa)	37	60	81	141	228	450	601	956	1352	2234	2842	3452	4527	6018	6890	8760	9750	13560	23360
Torque N.m (2.5Mpa)	59	82	102	180	289	564	800	1250	1711	2744	3738	4412	5769	9496	14200	19847	26438	35553	48900

Note: Larger sizes available upon request.

### APPLICATIONS

WATER SUPPLY

MARINE

INDUSTRY

HVAC

WASTE WATER