

YFLTD71X
Lug Butterfly Valve
Hard Back Seat



Model	YFLTD71X
Size Range	50mm~1200mm(2"-48")
Pressure Range	PN6~16;JIS5K~10K;Class150
Temperature Range	-20°C~180°C
Body Materials	DI,WCB,SS304,SS316,C954
Disc Materials	DI,CF8,CF8M,CF3,CF3M,2507,C954
Seat Materials	EPDM,NBR,NR,PTFE,Viton
Stem Materials	45#,SS410,SS431,SS304,SS316
Connection Type	Lug
Installation Direction	Bidirectional
Design Standard	GB/T12238,BS EN593,API609
Face to Face	GB/T12221,BS EN558-1
Flange Drilling	ASME B16.5,EN1092,DIN2501
Top connection	ISO5211
Inspection	GB/T13927,ISO5028,API598,JB/T9092
Coating	Electrostatic Powder Epoxy/Spray
Medium	Water,Oil,Gas

KEY FEATURES



Lug-Style Body

Lug-style body with threaded holes enables bolted installation from both sides, supporting end-of-line service and allowing maintenance, replacement, or inspection without shutting down the entire pipeline.



Flexible Operation Options

Available with aluminum handle, ductile iron handle, or gear operator to meet different application needs.



Durable Coating

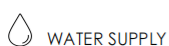
High quality epoxy coating provides strong corrosion resistance and long service life.

DIMENSION

DN(mm)	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000	1200
ISO5211 Top Flange	F05	F05	F05	F07	F07	F07	F10	F10	F10	F10	F14	F14	F14	F16	F25	F25	F25	F25	F30
Length(mm)	43	46	46	52	56	56	60	68	78	78	86	105	127	154	165	190	203	216	254
Torque N.m (0.6Mpa)	13	13.8	21	34.9	53.8	84.5	154	249	371	466	632	831	1093	1679	3010	3963	4913	8367	11733
Torque N.m (1.0Mpa)	13.9	15.4	21.7	37.1	57.9	93.9	173	286	429	550	755	1012	1350	2111	3272	4308	5257	8926	12555
Torque N.m (1.6Mpa)	15.1	17.2	23.1	39.8	61.9	102	192	323	490	625	846	1131	1432	2301	4253	4897	6834	11603	16321
Bare Shaft Weight(Kg)	2.65	3.25	4.6	6.96	9.6	10.5	17.4	24.3	35.7	44.6	97.7	98.5	158.5	244	328				

Note:Larger sizes available upon request.

APPLICATIONS



WATER SUPPLY



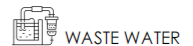
MARINE



INDUSTRY



HVAC



WASTE WATER