

YFD41X
 Double Flange Butterfly Valve
 Soft Back Seat

Model	YFD41X
Size Range	50mm~2400mm(2'~96")
Pressure Range	PN6~16;JIS5K~10K;Class150
Temperature Range	-20℃~180℃
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	Flange
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



Heavy Solid Cast Body for Higher Durability
 featuring stronger structural rigidity, higher pressure resistance and longer service life under continuous working conditions



Double Flange Structure for Secure Installation
 The integral double flange design ensures accurate alignment, stable installation, and suitability for large diameter and high-pressure applications.



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

DIMENTION

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)	108	112	114	127	140	140	152	165	178	190	216	222	229	267	292	318	330	410	470
U type Length (mm)	43	45	60	60	100	100	100	110	110	120	130	150	160	170					
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)	5.5	6	7.85	9.9	14	16.8	25.2	35.8	50	68.7	91.5	133	151	213	288	373	554	734	1182

Note:Larger sizes available upon request.

APPLICATIONS

