

YFHQ41F

Flanged Ball Valve

Model	YFHQ41F
Size Range	15mm~600mm (0.5"~24")
Body Style	Flanged
Temperature Range	-46°C~180°C
Pressure Range	PN10~64 ,Class150~600
Body Materials	WCB, LCC,WC6, CF8, CF8M, 321, 316Ti, 310S
Ball Materials	304, 316, 310S
Stem Materials	420, 35CrMoA, F6a, F11, F304, F316, F321
Seat Materials	PTFE, PFA, PPL, PEEK, metal to metal
Installation Direction	Bidirectional
Face to Face	GB/T12221, ASME B16.10, JISB2002
Design	GB/T12235, ASME B16.34, JISB2071
Flange Drilling	ASME B16.5, EN1092, JISB2220
Top connection	ISO5211
Inspection	GB/T13927, ISO5028, API598



KEY FEATURES



Cast Steel/Stainless Steel Flange Body

High-strength cast steel flange body offers great pressure resistance and stable pipeline connection.



Stainless Steel Ball & Core

Anti-corrosion stainless steel ball ensures smooth operation and long service lifespan.



Premium Tight Sealing

High-performance sealing seat achieves zero leakage, suitable for various industrial media.

DIMENTION

DN(mm)	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600
PN16-40 Length(mm)	130	140	150	165	180	200	220	250	280	320	360	400	533	610	686	762	864	914	1067
Class150 Length(mm)	108	117	127	140	165	178	190	203	229	356	394	457	533	610	686	762	864	914	1067
Class300 Length(mm)	140	152	165	178	190	216	241	283	305	381	403	502	568	648					
JIS10K Length(mm)	108	117	127	140	165	178	190	203	229	356	394	457	533	610	686	762	864	914	1067
JIS20K Length(mm)	140	152	165	178	190	216	241	283	305	381	403	502	568	648					
Torque N.m (1.6Mpa)	3	5	10	14	16	25	50	65	125	250	340	485	810						
Torque N.m (2.5Mpa)	3	5	11	16	18	30	60	80	140	300	400	680	1140	1870	2740	4150	6500	7800	13210
Torque N.m (4.0Mpa)	5	10	24	30	35	50	100	150	250	450	585	996	1690	2800	4110	6300	8900	12000	20380

Note: Larger sizes available upon request.

APPLICATIONS



WATER SUPPLY



MARINE



INDUSTRY



HVAC



WASTE WATER