



Shanghai Tianfa Trading Co., Ltd.

E-mail: sales@tianvalve.com

Address: Road318. Nanxiang Town,
Jiading District, Shanghai

OPEN-TYPE BALL VALVE

MAIN PARTS AND MATERIALS

Type		Accessory name	Materials			
Q21F-64C/P/R Internal thread Q41F-64C/P/R Flange Q11F-64C/P/R External thread Q11F-64C/P/R Welding three-section type (butt welding, socket joint welding)		Body	WCB、45	CF8、304	CF8M、316	
		Seat	WCB、45	CF8、304	CF8M、316	
		Ball	1Cr18Ni9Ti	0Cr18Ni9Ti	0Cr17Ni12Mo2	
		Seat	RPTFE Counterpoint polyphony			
		Stem	2Cr13	0Cr18Ni9Ti	0Cr17Ni12Mo2	
		Pressure disk	PTFE Combined gasket			
		Stem stuffing	V-shaped PTFE Graphite			
		Bolt	35	304		
		Hex nut	35	304		
		Spring washer	Clamp nut	304		
		Spring washer	35	304		
		Medium carbon	Clamp nut	304		
		Nut	35	304		
		Wrench	1Cr18Ni9Ti	304		
		Wrench cover	Plastics			
	Lock instrument	1Cr18Ni9Ti	304			
Applicable Operating Mode	Applicable medium	Water, vapor, and oil products, etc.		Corrosion medium such as Nitric acid	Corrosion medium such as Acetic acid.	
	Applicable temperature	-28~350℃				
Applicable Specification	Pipe screw standard	DIN259/2999	GB7307-87	NPT BSPT		
	Flanged standard	JB79-59、SH3406、GB9113、HG20592-97				
	Screw standard	GB196				

MAIN TYPES AND CONNECTION DIMENSIONS

Nominal diameter	G	D	D				D2	L			L1	H			W		
	Q11F	Q11F	Q11F	Q41F	Q21F	Q41F	Q11F	Q41F	Q21F	Q21F	Q11F	Q41F	Q21F	Q11F	Q41F	Q21F	
6	1/4	30	8	—	8	—	60	—	85	15	56	—	56	110	—	110	
10	3/8	31	10	—	10	—	60	—	85	16	58	—	58	110	—	110	
15	1/2	32	10	10	10	18	60	92	85	18	58	60	58	110	110	110	
20	3/4	38	13.5	13.5	13.5	20	67.3	106	90	18	62	65	62	110	110	110	
25	1	45	18	18	18	24	73	109	100	20	62	70	68	110	110	110	
32	1 1/4	53.4	22	22	22	32	90	126	120	20	75	85	75	150	145	150	
40	1 1/2	63	26	26	26	38	97.5	136	135	25	83	90	83	150	145	150	
50	2	71	32.8	32.8	32.8	46	112	154	140	25	90	98	90	150	177	180	
65	2 1/2	92	46	46	—	60	140	170	—	—	95	110	—	180	190	—	