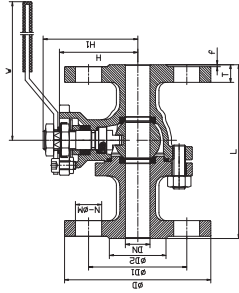


KST® ANSI Flanged Direct Mounting Ball Valve



Product Overview

Flange ball valve for air, steam, water, gas, oil and petrochemical products, such as corrosive medium, widely used in petroleum, chemical, metallurgy, light industry, paper-making, power plant, refrigeration and other areas of work. Many of the characteristics of three piece ball valve American Standard together, exquisite appearance, intelligent control, excellent performance, excellent quality, easy to use etc..

Three piece flange ball valve for sealing performance, circulation capacity, flow resistance coefficient is small, simple structure, simple maintenance, long service life. Three piece ball valve is usually used American Standard demanding sealing applications, in addition to control in addition to gas, liquid, and steam medium. It is also suitable for controlling sewage and medium containing fibrous impurities.

Product Feature

1. The fluid resistance is small and the drag coefficient is equal to the same length pipe.
2. Simple structure, small volume and lightweight.
3. At present, the ball valve sealing surface material widely used plastic which is good sealing and also widely used in the vacuum system.
4. Actuators and valves can be directly installed.
5. Long as the rotation 90°, easy to remote control.
6. Ball valve structure is simple, the seats are generally active, so demolition and replacement are more convenient.
7. When fully open or fully closed, the ball and seat sealing surface are isolated from the media. The valve sealing surface will not be eroded when media through.
8. Valve size range from a few millimeters to a few meters and application is from high vacuum to high pressure.

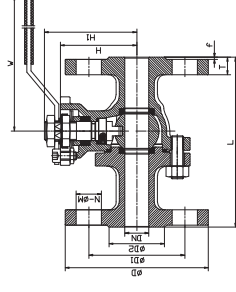
Main Technical Parameters

Specification model	Q41F	
Nominal diameter	DN15~DN200 (1/2"~8")	
Connection mode	Flanged	
Control mode	Manual ,pneumatic electric	
Top connection	ISO5211	
Nominal pressure	150LB/300LB	
Medium temperature	-29℃~+180℃	
Applicable medium	Water ,oil ,gas ,Nitric acid, acetic acid	
Body material	WCB, stainless steel	
Sealing material	(PTFE)	
Design standard	ASME B16.34,	
Connection mode	ASME B16.5	

Size

IN	φ	L	T	f	D	D1	D2	H	H1	W	N-DM	ISO5211
1/2"	15	108	9.6	2	90	60.3	34.9	48	56	125	4-Φ16	F03/F04
3/4"	20	117	11.2	2	100	69.9	42.9	53	61	125	4-Φ16	F03/F04
1"	25	127	12.7	2	110	79.4	50.8	58	70	155	4-Φ16	F04/F05
1-1/4"	32	140	14.3	2	115	88.9	63.5	62	74	155	4-Φ16	F04/F05
1-1/2"	38	165	15.9	2	125	98.4	73	75	89	195	4-Φ16	F05/F07
2"	50	178	17.5	2	150	120.7	92.1	85	99	195	4-Φ19	F05/F07
2-1/2"	65	190	17.5	2	180	139.7	104.8	104	123	260	4-Φ19	F07/F10
3"	78	203	19.1	2	190	152.4	127	114	133	260	4-Φ19	F07/F10
4"	98	229	22.3	2	230	190.5	157.2	135	158	300	8-Φ19	F07/F10
5"	125	356	23.9	2	254	216	186	135	238	500	8-Φ22	F10/F12
6"	150	394	25.4	2	279	241.5	210	135	278	600	8-Φ22	F10/F12
8"	200	457	28.6	2	343	298.5	276	135	328	800	8-Φ22	F12/F14

JIS High Platform Flange Ball Valve



Product Overview

Flange ball valve for air, steam, water, gas, oil and petrochemical products, such as corrosive medium, widely used in petroleum, chemical, metallurgy, light industry, paper-making, power plants, refrigeration and other work areas. Many of the characteristics of three piece ball valve American Standard together, exquisite appearance, intelligent control, excellent performance, excellent quality, easy to use etc.. Three piece flange ball valve for sealing performance, circulation capacity, flow resistance coefficient is small, simple structure, simple maintenance, long service life.

Product Feature

1. The fluid resistance is small, the full diameter of the ball valve is basically to flow resistance.
2. Simple structure, small size, lightweight.
3. Close and reliable. It has two sealing surfaces, and the material of the sealing surface of the ball valve at present widely used all kinds of plastic, good sealing, can achieve full seal. In vacuum it is also widely used in the system.
4. Actuators can be installed directly with the ball valve
5. Easy operation, open and close rapidly, from fully open to fully closed in a few seconds.
6. Maintenance is convenient, the ball valve structure is simple, the sealing ring is generally active, dis assembly Replacement is more convenient.
7. When fully open or fully closed, the sealing surfaces of the sphere and seat are isolated from the medium. When passing, will not cause the valve seat surface to erode.
8. Valve size range from a few millimeters to a few millimeters, large to several meters, from high vacuum to high pressure can be applied

Main Technical Parameters

Specification model	Q41F	
Nominal diameter	DN15~DN200 (1/2"~8")	
Connection mode	Flanged	
Control mode	Manual ,pneumatic, electric	
Top connection	ISO5211	
Nominal pressure	10K/20K	
Medium temperature	-29℃~+180℃	
Applicable medium	Water ,oil ,gas ,Nitric acid, acetic acid	
Body material	WCB, stainless steel	
Sealing material	(PTFE)	
Design standard	ASME B16.34,	
Connection mode	JIS B 2220	

Size

DN	L	f	D	D1	D2	H	H1	E	N-DM	ISO5211
15	108	1	95	70	51	48	56	130	4-Φ15	F03/F04
20	117	1	100	75	56	53	61	130	4-Φ15	F03/F04
25	127	1	125	90	67	58	70	160	4-Φ19	F04/F05
32	140	2	135	100	76	62	74	160	4-Φ19	F04/F05
40	165	2	140	105	81	75	89	240	4-Φ19	F05/F07
50	178	2	155	120	96	85	99	240	4-Φ19	F05/F07
65	190	2	175	140	116	104	123	280	4-Φ19	F07/F10
80	203	2	185	150	126	114	133	320	8-Φ19	F07/F10
100	229	2	210	175	151	135	158	320	8-Φ19	F07/F10
125	356	2	250	210	185	135	238	500	8-Φ23	F10/F12
150	394	2	285	240	215	135	278	800	8-Φ23	F10/F12
200	457	2	330	290	265	135	328	800	12-Φ23	F12/F14