



**Brief introduction :**

The ball valve is designed and manufactured according well to API 608. Floating ball for small caliber, and fixed ball for large caliber. It has fire protection structure and antistatic device. Widely used for petroleum 、 chemistry、 water treatment industries.

**Features:**

-Anti-blowout Structure of Valve Stem

When medium pass through the valve, the pressure in valve body may possibly push the stem out, or when the valve is in repair, if there is pressure in the middle cavity, the stem or medium seems to easily fly out upon disassembling the valve, which can cause injures to human

beings, To prevent the possibilities, a dummy club is packing and thrust bearing are burnt or packing is damaged due to other causes, the pressure of medium in valve body will make the dummy club of valve stem in close contact with the upper seal face of valve body. Thus

to prevent medium leaking out from the damage packing position.

-Reliable Seal Structure

The seat is made of PTFE. Because the contact area between seat and the ball will becomes more high with rising of pressure of the middle cavity, Small Resistance ball valve has the smallest resistance of all the valve, in the case of reduced bore, the

resistance is little still.

-Prompt switch

The ball valve circumrotates in 90°,It work quickly to open or close.

**PRODUCT – BALL VALVE**

**ANSI BALL VALVE**

**MAIN PARTS**

1	Body	WCB , CF8
2	Ball	304 , 316
3	Seat	Polytetrafluoroethylene
4	Packing	Graphite , Polytetrafluoroethylene
5	Stem	2Cr13
6	Lever	HT250, QT450

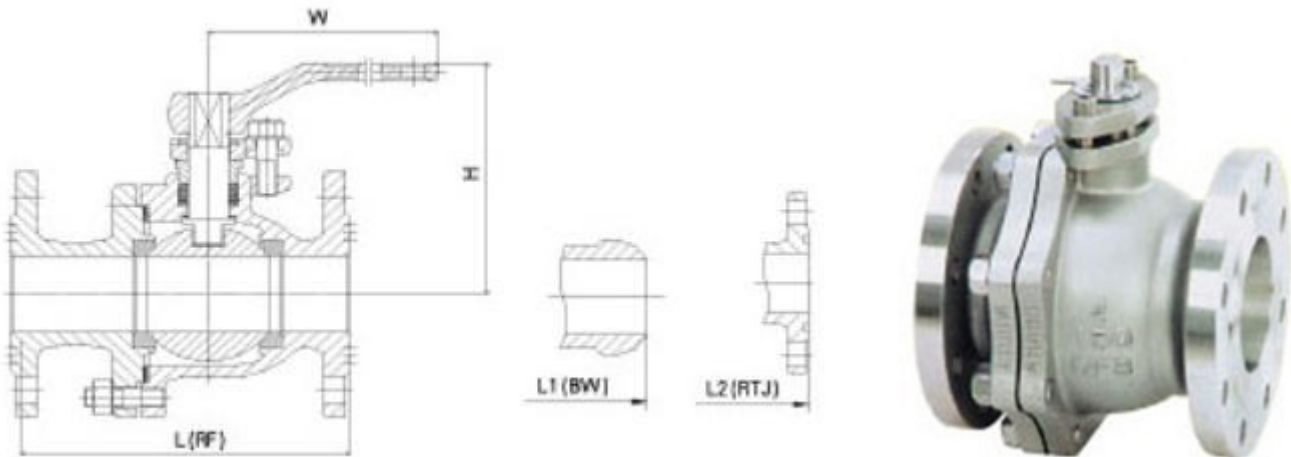
**Technical Specification**

- Nominal diameter: 1/2"-8"
- Applicable Temperature: -29°C~425°C (steel) -40°C~550°C(stainless steel)
- Nominal pressure: 150Lb 300Lb 600Lb
- Applicable Medium: water , gas, oil, and other causticity medium.

**Applications Standard**

- Manufacture standard : API 608
- Face to face dimension: ANSI B 16.10、 API 6D
- Flange dimension: ANSI B 16.5 MSS-SP-44
- Test: API 598 API 6D

**Main external and connection dimension**





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**PRODUCT – BALL VALVE**

**ANSI BALL VALVE**

CLASS150										
size(in)	1/2"	3/4"	1"	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
L-RF(mm)	108	117	127	165	178	191	203	229	394	457
L1-BW(mm)	140	152	165	190	216	241	283	305	457	521
L2-RTJ(mm)	\	\	140	178	191	203	216	241	406	470
B	13	19	25	38	51	64	76	102	152	203
H	65	70	80	95	110	135	145	170	235	275
K	150	155	160	180	200	225	325	350	500	600
Weight(Kg)	3	4	5	8	12	21	26	43	80	155

CLASS300										
size(in)	1/2"	3/4"	1"	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
L-RF(mm)	140	152	165	190	216	241	283	305	403	502
L1-BW(mm)	140	152	165	191	216	241	283	305	457	521
L2-RTJ(mm)	151	165	178	203	232	257	298	321	419	518
B(mm)	13	19	25	38	51	64	76	102	152	203
H(mm)	70	85	90	105	120	145	160	195	250	290
K(mm)	155	160	180	200	225	325	350	500	600	700
Weight(Kg)	3	5	7	13	15	28	32	55	105	170