

STEEL BALL VALVE

ball valve have two types: float ball valve and fixed ball valve, Float ball valve usually class 150Lb–600Lb, Size 1/2~8".

Fixed ball valve has two designs: forged steel and cast steel, Forged fixed ball valves have two types cover: bolted and welded cover.

Use for water, oil and natural gas, Pressure class 150~1500Lb. The end of cast steel ball valve: Butt welded end and flange.



Cast steel fixed ball valve



Forged steel fixed ball valve



Float ball valve

Ball valve design construction and specifications

ball valve conform to, API 608, API 6D, ANSI B16.34 and BS5352. Each is tested according to API 598, API 6D and Marking is per MSS-SP-25

Construction as follows

Full Bore/Reduce bore

Turn 90 degree opening or close

Detachable seat PTFE/RTFE

Bolted cover/welded cover

Fire safe and anti-static

Operation: Handle, gear, pneumatic, electric actuator.

Dual seat with injection and drain & outlet.

Pressure test

Nominal pressure	BY API 6D		BY API 598		Air Seal Test (± 10)
	Min. Pressure Test		Back seal Test		
Class	Shell Test	Sealing test	Shell strength	Sealing test	80 ± 10%
150	425	300	450	315	80 ± 10%
300	1100	800	1125	815	80 ± 10
600	2175	1600	2225	1630	80 ± 10
900	3250	2400	3350	2450	80 ± 10
1500	5400	4000	5575	4100	80 ± 10
2500	9000	6600	9275	6800	80 ± 10