

Ball Valves

Class 150, Class 300, Class 800

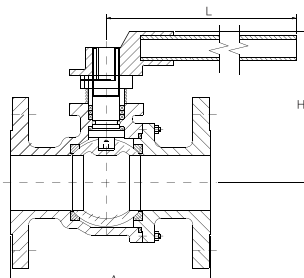
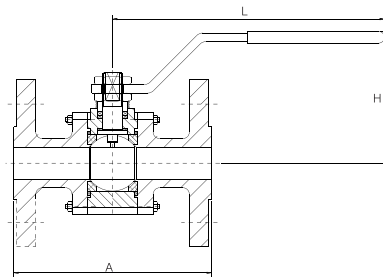


Technical Data

- Meets the design requirements of BS EN 17292 / API 6D / ASME B16.34
- Bubble tight shut off
- Blow out proof stem
- Actuator Mounting available as per ISO 5211
- Bi directional shut off
- High precision spherical turning of Ball is maintained along with mirror finish which reduces the torque and even increases the life of the valve.
- Locking arrangement is available
- Negligible pressure loss at high flow rate
- Other Operating means like Gear Box, Pneumatic Actuator, Electrical Actuator also available.

Class 150

Class 300/800



Part Name	Material Option
Body	ASTM A 216 WBC / A 217 Wc6 / A 217 Wc9 / A 217 C5 / A 217 C12 / A 351 C18 / A 351 CF8M / A 351 Fc3 A 351 CF3M A / 352 LCB
Side Pc	ASTM A 216 WBC / A 217 Wc6 / A 217 Wc9 / A 217 C5 / A 217 C12 / A 351 C18 / A 351 CF8M / A 351 Fc3 A 351 CF3M A / 352 LCB
Stem	ASTM A 276 10 / 276 304 / 304L / 316L
Ball	ASTM A 276 10 / 276 304 / 304L / 316L
Gland	ASTM A 276 410 / A 276 304 / A 276 304L / A 276 316L
Gland Nut	Carbon Steel / SS 304
Gland Packing	Graoholi / PTFE
Gasket	Sprial Wound SS 340 with Asbestos or Graphoil / PTFE / Grafoil
Seat	PTFE, Grafoil, RPTFE
Liver	Carbon Steel
Liver Nut	Carbon Steel
Stude /Bolt	ASTM A 193 B7 / A 193 B7M / A 193 BBM / A 320 L7
Nut	ASTM A 194 2H / A 1948 / A 194 8M / A 194 4 /7

Ball Valve - ASME Class 150/ISO PN 20											
SIZE	15	20	25	32	40	50	65	80	100	150	200
A	108	117	127	140	165	178	190.5	203	229	267	292
L	145	160	160	205	205	260	260	470	500	525	725
h	57.5	75	87	106	109	152	160	175	175	225	260
Wt	1.5	1.7	2.6	3.8	5.7	8.2	10.5	16.5	24.0	40.0	73.0

Ball Valve - ASME Class 300/ISO PN 50											
SIZE	15	20	25	32	40	50	65	80	100	150	200
A	140	152	165	178	190	216	241	283	305	403	419
L	145	160	160	205	205	260	260	470	500	525	725
h	57.5	75	87	106	109	152	160	175	175	225	260
Wt	1.7	2.5	2.9	4.2	6.5	10.0	13.5	24.0	40.0	68.0	80.0

Ball Valve - ASME Class 800						
SIZE	15	20	25	32	40	50
A	65	79	91	115	123	216
L	145	160	160	205	205	260
h	57.5	75	87	106	109	152
Wt	1.0	1.5	2.0	2.5	3.1	4.7



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