

KANTILAL CHIMANLAL

AHMEDABAD
SINCE-1913

Features

Sap Mark Cast Steel Ball Valves have been designed to meet the requirements BS 5351/ASME B 16.34 / API 6D / API 608 / MSS SP 72
Face to Face and End to End dimensions conform to ASME B 16.10 / BS 2080 / API 6D / DIN
End flange dimensions conform to ASME B 16.5 / API 605 / BS 3293 / DIN
Butt weld end dimensions conform to ASME B 16.25
Fire tested design to API 607 / API 6FA / BS 6755-II
Flexible lip seats compensate for wear and changes in pressure
Blow out proof stem construction
Antistatic devices ensure electrical continuity between ball, stem & body
Triple stem sealing
ISO 5211 top pad for simplified gear/actuator mounting Valves meet the requirements of fugitive emission levels Shell category B as per MESG SPE 77/312

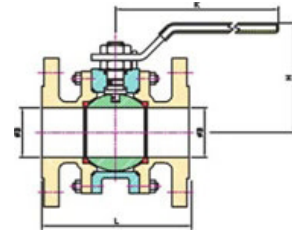
OPTIONS

One, two or three piece construction
For low temperature and cryogenic services (cold box and non-cold box applications) extended bonnet as per BS 6364 available
Locking arrangement
Gear, Electrical, Hydraulic or Pneumatic actuator available
Soft seats are recommended for service temperature up to 260o C and for higher temperatures a metal to metal seating shall be offered

Valve Option



Drawings



3PC FLOATING BALL FULL PORT

MATERIALS

Part Name	Material Option
Body	ASTM A 216 WCB / A 217 WC6 / A 217 WC9 / A 217 C5 / A 217 C12 / A 351 CF8 / A 351 CF8M / A 351 CF3 / A 351 CF3M / A 352 LCB
Side Piece	ASTM A 216 WCB / A 217 WC6 / A 217 WC9 / A 217 C5 / A 217 C12 / A 351 CF8 / A 351 CF8M / A 351 CF3 / A 351 CF3M / A 352 LCB
Ball	ASTM A 351 CF8 / A 351 CF8M / A 182 F304 / A 182 F316 / A 182 F 6a
Body Seal	PTFE / Graphoil / Spiral Wound SS 316 with Graphoil
Seats	PTFE / GET / Graphite filled PTFE
Stem	ASTM A 182 F304 / A 182 F316 / A 182 F 6a
Gland Bush	ASTM A 182 F304 / A 182 F316 / A 182 F 6a
Gland Packing	Graphoil / PTFE
Stem Packing	Graphite filled PTFE / Graphoil
Gland Nut	Stainless Steel
Stem Nut	Stainless Steel
Lever	Carbon Steel with PVC
Disc Spring	Carbon Steel
Studs / Bolts	ASTM A 193 B7 / A 193 B7M / A 193 B8 / A 193 B8M / A 320 L7
Nut	ASTM A 194 2H / A 194 B7M / A 194 B / A 194 8M / A 194 4/7

Ball Valve 3PC 150 Class

Size DN	15	20	25	40	50	65	80	100	150	200
L-RF	108	118	127	165	178	190	203	229	394	457
B	12.5	17	24	37	49	64	75	98	148	198
H(approx)	65	70	80	95	110	135	145	170	235	275
K	150	155	160	180	200	225	325	350	500	600
Wt. (approx) kg	3	4	5	8	12	22	28	45	83	158

Ball Valve 3PC 300 Class

Size DN	15	20	25	40	50	65	80	100	150	200
**L,L1 -RW,BW	140	152	165	190	216	241	282	305	403	502
B	12.5	17	24	37	49	64	75	98	148	198
H(approx)	70	85	90	105	120	145	160	195	250	290
K	155	160	180	200	225	325	350	500	600	700
Wt. (approx) kg	3	5	7	14	17	30	35	58	110	175

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