

Cast Iron BALL VALVE

Screwed

Three Piece Design



Salient Features:

Design : Cast Iron Ball Valve BSP Screwed Female Ends Three Piece Design having S.S Ball supported by PTFE rings, Flat Lever attached from 15mm to 50 mm & S.G iron Handle attached from 65mm to 100mm.

NOTE : A detachable Pipe Handle is Supplied With this Valve (from 65mm to 100mm) to be attached with S.G iron Handle while installing / operating.

Range : 15mm to 100mm.

Operation : Quick opening by quarter turn operation.

Marking : One side of the body 'ALTO' & " Size".
Other side of the body " Tested 34kg/cm²".

Utility : Fuel oils, kerosene oils, compressed air, gases, low pressure steam, viscous fluids & hydraulic (Water, Oil etc) installations.

Temp. Range: 10° C to 200° C.

Testing : Hydraulically

Test Pressure				Max C.W.P	
Body		Seat		Body/Seat	
500 PSI	34 Kg/cm ²	300 PSI	20 Kg/cm ²	200 PSI	14 Kg/cm ²

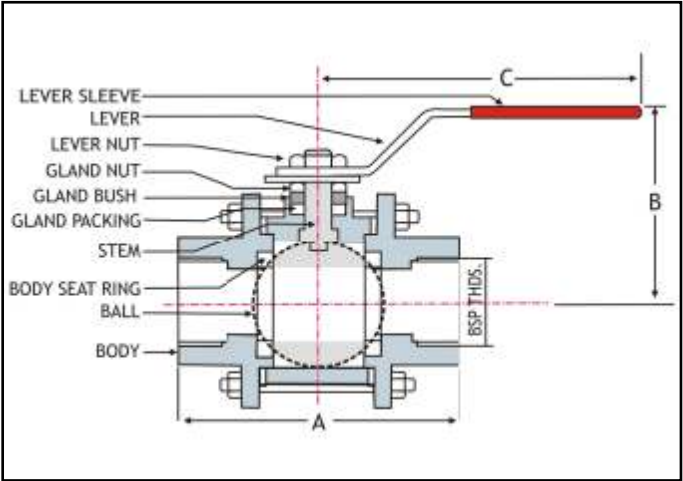
DIMENSIONS : (in mm)

Size : (in mm)	A	B*	C*
15	80	65	125
20	93	65	125
25	107	75	125
32	118	78	173
40	126	100	173
50	138	104	203
65	166	130	354
80	185	140	354
100	244	205	428

Tolerance:± 1.5 mm in 'A'.

*Approx

ABV 4-18



MATERIALS:

Components	Material	Specification
Body	Cast Iron	IS:210 Gr. FG-200
Ball	Stainless Steel	AISI -202/304/316
Stem & Gland Bush	Stainless Steel	AISI-410/202/304/316
Nuts, Stopper Lever & Studs	Mild Steel	IS:226
Spring Washer	Spring Steel	----
Handle	S.G. Iron	IS:1865 Gr.450/10
Body Seat Rings, Gland Packing & Stem Seal	PTFE	---
Lever/Pipe Sleeve	P.V.C	P.V.C
Gasket	Compressed Asbestos	IS:2712 Gr.C

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