

# **CAST IRON BALL VALVE**

## **Design Features:**

- Low Torque
- Quarter turn operation
- Full bore- minimum Pressure loss
- Blow Out proof stem
- Screwed Female Ends
- Suitable for working temp: -10°C to 200°C

## **Conformity to Standard & Codes:**

### **Design Standard**

- BS 5159/ BS 9890

### **Face to Face Dimension**

- IS 9884

### **Threading Standard**

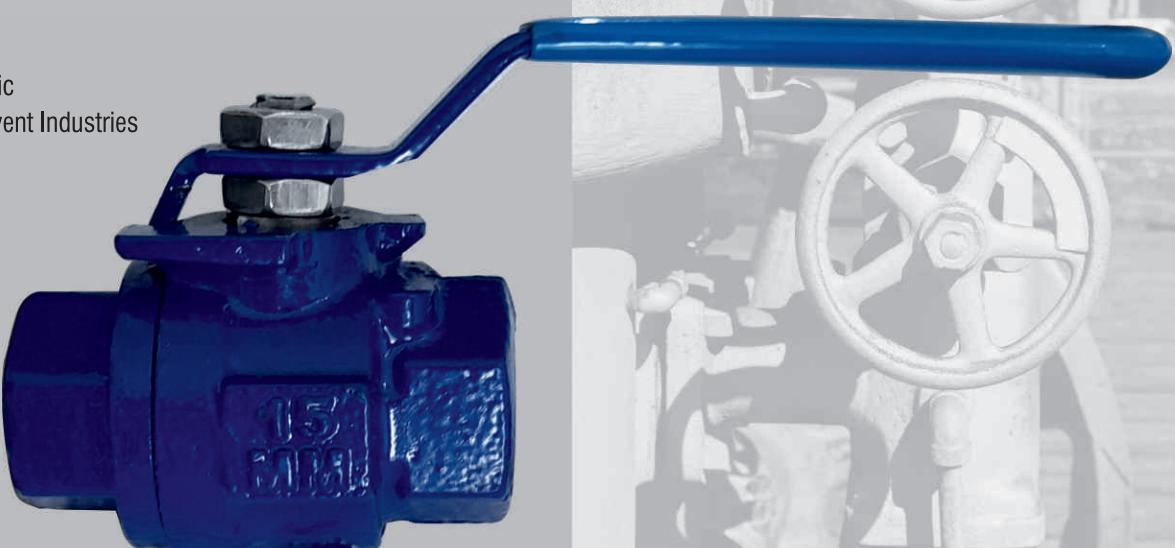
- BS 21/ IS 554/8999

### **Testing Standard**

- API 598

## **Applications**

- Extrusion & Domestic
- Water Supply & Solvent Industries
- Chemical Industries
- Process Industries



**UPC INSTRUMENTS PVT.LTD.**

AN ISO 9001:2015, 14001-2015 CE & TÜV SÜD CERTIFIED COMPANY

## PART LIST

S.NO.	PART NAME	MATERIAL	SPECIFICATIONS
1.	BODY	CAST IRON	IS 210 GR. FG 200/220
2.	CONNECTOR	CAST IRON	IS 210 GR. FG 200/220
3.	BALL	STAINLESS STEEL	ASTM A276 GR. 202/304/316 ASTM A351 GR. CF8/CF8M
4.	STEM	STAINLESS STEEL	ASTM A276 GR. 410/304/316
5.	SEAT RING & GLAND PACKING	PTFE	BS 6564
6.	GLAND NUT, STOPPER, STUDS/NUTS	CARBON STEEL	ASTM A307 GR. B
7.	LEVER	CARBON STEEL	ASTM A 105
8.	LEVER SLEEVE	PVC	BS 6076



## DIMENSIONS:

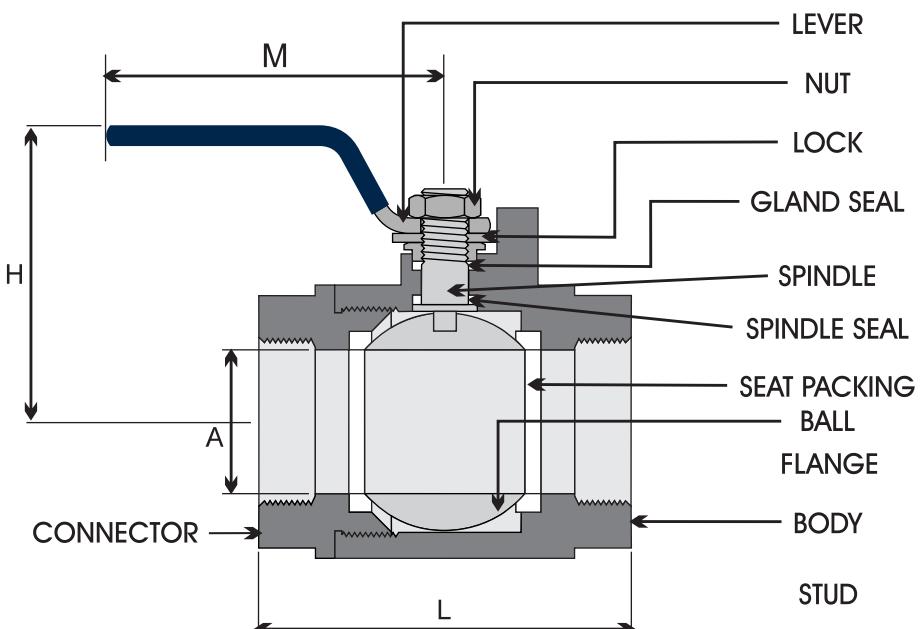
NOMINAL SIZE		SCREWED ENDS		SIZE OF LEVER	
Inches	mm	L	A	M	H
1/2"	15	68.50	14	135	60.87
3/4"	20	84.00	20	152	64.50
1"	25	91.00	24	152	70.30
1-1/4"	32	102.00	31	165	98.16
1-1/2"	40	120.00	37	195	103.16
2"	50	130.00	50	195	112.16
2-1/2"	65	153.00	63	302	132.25
3"	80	174.00	75	302	142.45
4"	100	206.00	100	365	166.60

\*All dimensions are in mm unless and otherwise specified.

## TEST PRESSURE:

TYPE OF TEST	PRESSURE (KG/CM2)
Hydraulic Body Test	24.0
Hydraulic Seat Test	17.6
Pneumatic Seat Test (Optional)	4-7

## ONE PIECE DESIGN SCREWED



## WARRANTY

All meters are warranted against any manufacturing defect for a period of 12 months from date of supply, provided the meter has not been misused, damaged, installed for services it is not recommended or the seal has been tampered with. The company shall be liable to furnish part/ parts thereof or full water meter as the company may deem fit.

# UPC INSTRUMENTS PVT.LTD.

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