

True Definition of Safety & Reliability



# USMANI

TUBES & VALVES CO. PVT. LTD



**APPLICATION:**

For Gas, Air, Water, Foods, Oil, Vacuum Series, Chemicals, Pharmaceutical Companies, Process Industries & Paper Mills.



# USMANI TUBES & VALVES CO. PVT. LTD.

## 3 PIECE BALL VALVE

### MATERIAL SPECIFICATIONS

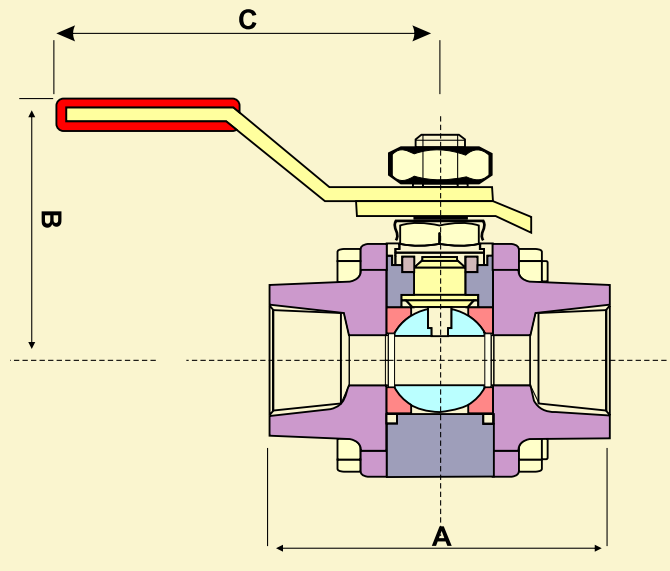
NO.	Part Name	Carbon Steel Valve	Stainless Steel Valve
1.	Body	ASTM A 105 OR ASTM A216 Gr. WCB	ASTM A 351 Gr.CF 8M
2.	Body Connector		
3.	Ball	AISI 316 or ASTM A 351 Gr. CF 8M	
4.	Seat	Virgin PTFE	
5.	Stem	Stainless Steel AISI 316	
6.	Back Seat	Virgin PTFE	
7.	Gland Packing	35% Carbon filled PTFE	
8.	Stem Seal		

### DIMENSION

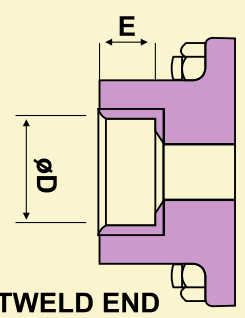
Valve Size in mm	8	10	15	20	25	40	50
A	66.6	66.6	66.6	72.6	95.2	116	128
B	45	45	45	48	59	75	80
C	122	122	122	122	149	181	181
D	14.61 14.10	18.03 17.53	22.23 21.72	27.56 27.05	34.29 48.64	49.15 48.64	61.62 61.11
E	9.7	9.7	9.7	12.7	12.7	12.7	15.9

### TEST PRESSURE

Hydrotest {KG/CM <sup>2</sup> }	psig	kg/cm <sup>2</sup>
Shell Hydro (optional)	1500	103
Seat (Air)	80	5.5



SCREWED END



SOCKETWELD END

### SALIENT FEATURES

Regular & Full Port Three Piece Design Screwed Ends, Socketweld, Buttweld, Flanged Ends can be fitted with Actuators, Longerlife with minimum maintenance, Compact Design. High flow capacity, Low Torque, Positive Shut-Off with quarter turn Operation. Down Steam sealing & Floating Ball, Blow out proof stem, Variety of materials of Forged Carbon Steel,

### REGISTERED OFFICE

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