

## BALL VALVE



### MATERIAL SPECIFICATION

SR NO.	DESCRIPTION	MATERIAL
1	BODY	CF8/CF8M/CF3/CF3M/WCB/C.I.
2	BODY CONNECTOR	CF8/CF8M/CF3/CF3M/WCB/C.I.
3	BALL	CF8/CF8M/CF3/CF3/MWCB/C.I.
4	STEM	SS 304/SS 316/SS 304 L/SS 316L
5	GLAND	CF8/CF8M/CF3/CF3M/WCB
6	BALL SEAT	PTFE/GFT & AS PER REQUIREMENT
7	STEM RING	PTFE/GFT
8	O-RING	PTFE/GFT
9	GLAND PACKING	PTFE
10	JOINT ALLEN BOLT	SS/MS

11	GLAND ALLEN BOLT	SS/MS
12	HAND LEVER	SS/MS
13	HAND LEVER NUT	SS/MS
14	HAND LEVER SLEEVE	P.V.C

## TEST PRESSURE

CLASS	HYDROSTATIC	SEAT TEST	AIR TEST
150#	31.5 Kg/cm <sup>2</sup>	22 Kg/ cm <sup>2</sup>	7 Kg/ cm <sup>2</sup>
300#	79 Kg/cm <sup>2</sup>	58 Kg/cm <sup>2</sup>	7 Kg/cm <sup>2</sup>
600#	157.5 Kg/cm <sup>2</sup>	114 Kg/cm <sup>2</sup>	7 Kg/cm <sup>2</sup>

## TECHNICAL DATA

DESIGN STANDARD	BS EN ISO 17292 (BS 5351)/ASME B 16.34
INSPECTION & TESTING STANDARD	BS EN ISO 12266-I (BS 6755-I)
FLANGE TO FLANGE DIMENSION	AS PER ANSI B 16.5/AS PER REQUIREMENT
	FLANGE END AS PER ANSI B 16.5, CLASS 150/300/600
	BS 10 TABLE D / TABLE E / TABLE F / TABLE H
	SCREWED END BSP/NPT (ON REQUIREMENT)
END CONNECTION	SOCKET WELDED