



**PRODUCT RANGE** : 15 mm TO 100 mm

TECHNICAL DATA	
1. CONSTRUCTION	: TWO PIECE, FULL BORE, BLOW-OUT PROOF STEM, FLOATING BALL, SOFT SEATED, NON-FIRE SAFE DESIGN BALL VALVE.
2. DESIGN & MFG. STD.	: BS 5351, API 602, IS 9890
3. INSPECTION & TESTING STD.	: BS 5146, API 598
4. FACE TO FACE	: ANSI B 16.10 (AS SHOWN)
5. END CONNECTION	: FLANGED AS PER ANSI B 16.5 RF

**BILL OF MATERIALS**

PART NO.	QTY.	NOMENCLATURE	MATERIAL
1	1	BODY	CI - IS 210 GR. FG 200 / 220 CS - ASTM A 216 GR. WCB SS - ASTM A 351 GR. CF8/CF8M SS - AISI 304/316
2	2	BODY CONNECTOR	CI - IS 210 GR. FG 200 / 220 CS - ASTM A 216 GR. WCB SS - ASTM A 351 GR. CF8/CF8M SS - AISI 304/316
3	1	BALL	ASTM A 351 GR. CF8/CF8M & AISI 304/316
4	1	STEM	AISI 304/316
5	2	GLAND	AISI 304/316
6	2	BALL SEAT	AISI 304/316
7	1	BODY SEAL	PTFE
8	1	STEM PACKING	PTFE
9	2	GLAND PACKING	PTFE
10	1	STEM NUT	SS 304/Steel
11	1	GLAND NUT	SS 304/Steel
12	1	WRENCH	SS 304/Steel Cd. Plated
13	1	WRENCH SLEEVE	PVC
14	1	LOCKING CLIP	SS 304/Steel
15	4/8	BODY STUDS & NUTS	SS 304/Steel Cd. Plated

TEST PRESSURE (psig / kg/cm <sup>2</sup> )		
TESTING	BODY	SEAT
HYDRAULIC	435 / 30.5	320 / 22.5
PNEUMATIC	---	100 / 7

**DIMENSIONS**

SIZE	FB	F/F	C/L	L/L	Ø D	B	Ø G	P	N	Ø J
25	24	127	80	175	107.95	11.18	50.8	79.25	4	15.75
32	31	139.7	85	210	117.35	12.7	63.5	88.9	4	15.75
40	37	165.1	90	240	127	14.22	73.15	98.55	4	15.75
50	50	177.8	100	245	152.4	15.75	91.95	120.65	4	19.05
65	63	190.5	150	350	177.8	17.53	104.65	139.7	4	19.05
80	75	203.2	175	450	190.5	19.05	127	152.4	4	19.05
100	100	228.6	195	500	228.6	23.88	157.23	190.5	8	19.05

**OTHER OPTIONS ON REQUEST:**

1. OTHER MATERIALS OF CONSTRUCTION
2. 300# VALVES
3. HOLLOW BALL
4. PNEUMATIC OPERATION
5. SIZES 150 mm & ABOVE
6. FIRE SAFE DESIGN

LEGEND : FB - FULL BORE, F/F - FLANGE TO FLANGE, C/L - CENTER TO LEVER, L/L - LEVER LENGTH, Ø D - RF DIA., B - THICKNESS WITHOUT RF, Ø G - INSIDE DIA.

**VENUS FITTINGS & VALVES PVT. LTD.**



**MUMBAI OFFICE**  
897/911, John Roberts' Compound,  
Sewri-Fort Road, Sewri (East),  
Mumbai 400 015, Maharashtra (India).  
Phone : (91-22) 2412 3151 / 2412 7006 Fax : (91-22) 2413 5576  
E-mail : vfv@vsnl.net Website : www.vfvl.com

**AHMEDABAD OFFICE**  
8E, Sumeru Centre, Near Parimal Rly. Crossing, Paldi,  
Ahmedabad 380 007, Gujarat (India).  
Phone : (91-79) 2663 2754 / 2663 8877  
Fax : (91-79) 2663 2754

**WORKS**  
Sub Plot No. 1/2, Natraj Industrial Estate,  
Village Wasna - Iyawa, Taluka - Sanand,  
Dist. Ahmedabad 382 110, Gujarat (India).  
Phone : (91-2717) 284392

**TWO PIECE (2-PC.), FULL BORE,  
FLANGED ENDS,  
BALL VALVES, 150#**

All dimensions are in mm