

**APPEX<sup>®</sup>  
VALVES**

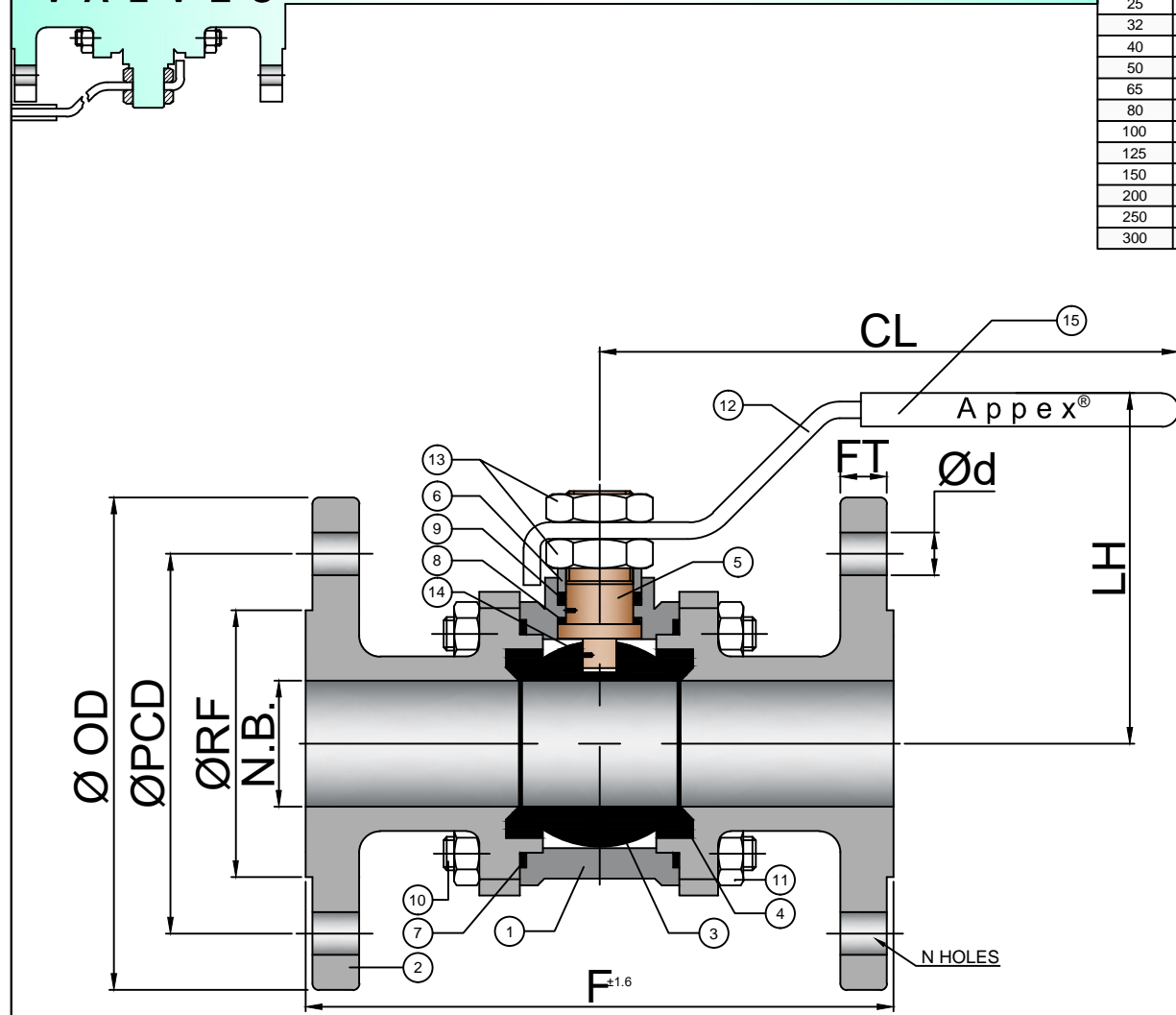
**BALL VALVE 3Pc FLANGE END 150 #**

SIZE	ØNB	F	Ø OD	FT	ØRf	ØPCD	Ød	N	CL	LH
15	12.5	108	89	10	35	60.5	16	4	120	55
20	19	117	98	10.5	43	69.5	16	4	145	75
25	25	127	108	11.2	51	79.2	16	4	175	82
32	32	140	117	13	64	89	16	4	203	90
40	38	165	127	14.3	73	98.5	16	4	203	95
50	50	178	152	15.9	92	120.6	19	4	230	110
65	64	190	178	17.5	105	139.7	19	4	285	138
80	75	203	190	19.1	127	152.4	19	4	285	145
100	100	229	229	23.9	157	190.5	19	8	430	195
125	125	254	254	23.9	186	215.9	22.2	8	580	240
150	150	267	279.4	25.4	216	241.3	22.2	8	635	260
200	200	292	343	28.6	270	298.5	22.2	8	685	310
250	250	330	406.4	30.2	324	362.0	25.4	12	705	350
300	300	356	482.6	31.8	381	431.8	25.4	12	765	405

FOR RECORD

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P.NO	NOMENCLATURE	MATERIAL	QTY.
15	SLEEVE	PVC	1
14	ANTISTATIC DEVICE	AISI 304/AISI 316	2 Set
13	GLAND & LEVER NUT	C.S. / S.S.	2
12	LEVER	C.S. / S.S.	1
11	NUT	ASTM A 194 Gr. 2H/8/8M	8/16/24
10	STUD	ASTM A 193 Gr. B7/B8/B8M	4/8/12
9	STEM SEAL	PTFE/GFT/CFT	1
8	GLAND PACKING	PTFE/GFT/CFT	4
7	BODY SEAL	PTFE/GFT/CFT	1
6	GLAND	AISI 304 / AISI 316	1
5	STEM	AISI 304 / AISI 316	1
4	SEAT RING	PTFE/GFT/CFT	2
3	BALL	AISI 304 / AISI 316	1
2	SIDE PIECE	CAST IRON ASTMA 351 Gr. CF8 (SS 304) ASTMA 351 Gr. CF8M (SS 316) ASTMA 216 Gr. WCB (CAST STEEL)	1
1	BODY	CAST IRON ASTMA 351 Gr. CF8 (SS 304) ASTMA 351 Gr. CF8M (SS 316) ASTMA 216 Gr. WCB (CAST STEEL)	1

**BILL OF MATERIAL**

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**:- Special Features :-**

1. Electro polished outer finish equivalent to GMP finish.
2. Low torque operation.
3. Interchangeability.
4. 100% tight shut off.

**:- Available Options :-**

1. Special Alloy Steel MOC.
2. Special Face to Face.
3. Trunion mounted ball valve.
4. Fire safe design ball valve
5. Cavity fill up design.
6. Extended stem design.

CONSTRUCTION:-	3 Pc. FULL BORE, BLOW-OUT PROOF STEM, FLOATING BALL, SOFT SEATED DESIGN BALL VALVE.
DESIGN & MFG. CODE	BS EN ISO 17292 / ASME B16.34
INSPECTION & TESTING	API 598 / BS 6755
FACE TO FACE	ASME B 16.10
END CONNECTION	ASME B 16.5 R/F CONC. SERRATED
CLIENT	
P.O. NO.	

	HYDROSTATIC PRESSURE TESTING	PNEUMATIC PRESSURE TESTING
SHELL (BODY)	$\frac{32}{450}$ $\frac{30}{BAR}$	$\frac{7}{100}$ $\frac{6.8}{BAR}$
SEAT	$\frac{21}{300}$ $\frac{19.5}{BAR}$	$\frac{7}{100}$ $\frac{6.8}{BAR}$

VALVE TYPE	RATING	NOMINAL SIZE	DESCRIPTION	MATERIAL AS SHOWN
3 PC FIRE SAFE	ASA 150 #	AS SHOWN	ASSEMBLY BALL VALVE 3PC.	
SCALE	END CONNECTION	STANDARD	ALL DIMENSIONS ARE IN M.M. UNLESS OTHERWISE SPECIFIED	DESIGN DATE
NTS	FLANGED	BS-5351 API-6D	REMOVE SHARP CORNERS	31/12/2011
PROJECTION	UNSPECIFIED TOLERANCES FOR MACHINED DIMENSIONS			CHECKED DATE
THIRD ANGLE	0-75	75-300	300-600	APPROVED DATE
	±0.20	±0.40	±0.50	±0.75
<b>SHARVIL ENGINEERS</b>				REV. 00
147, ADARSH ESTATE, RAKHIAL, AHMEDABAD.-380 023.				DRG. No. SE/BLV-2PC/FP/150/1-12

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