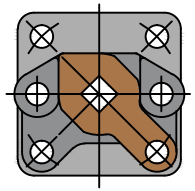
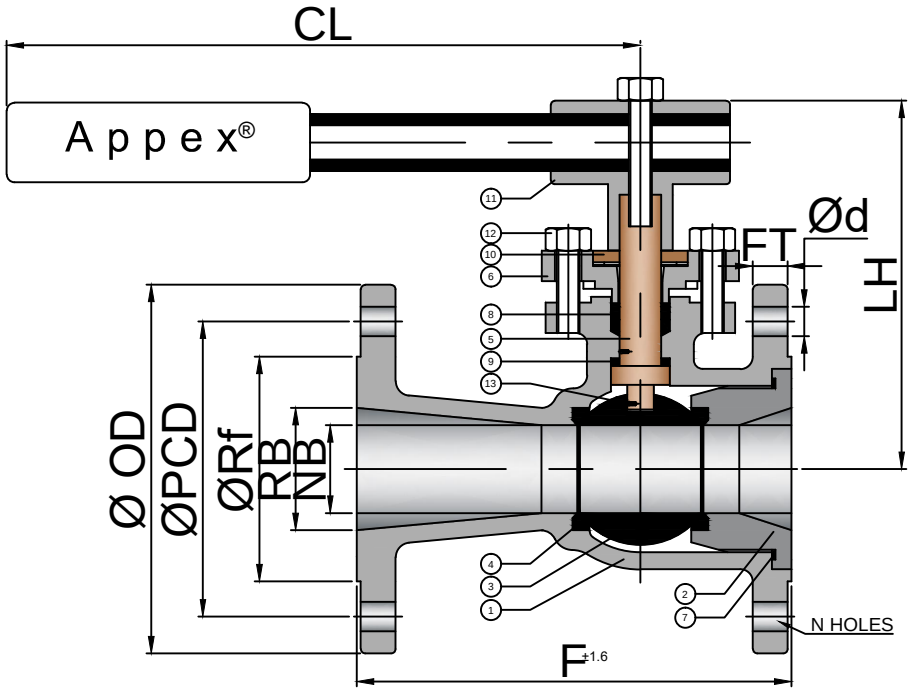
APPEX® VALVES

Gland Type 1Pc Ball Valves

SIZE	ØNB	ØRB	F	Ø OD	FT	ØRf	ØPCD	Ød	N	CL	LH
25	25	-	127	108	11.2	51	79.2	16	4	186	86
40	38	-	165	127	14.3	73	98.5	16	4	282	120
50	50	-	178	152.4	15.9	92	120.6	19	4	282	127
65	50	64	190	178	17.5	105	139.7	19	4	290	134
80	64	75	203	190.5	19.1	127	152.4	19	4	378	168
100	75	100	229	228.6	23.9	157	190.5	19	8	378	188





P.NO	NOMENCLATURE	MATERIAL	QTY.
13	ANTISTATIC DEVICE	AISI 304/AISI 316	2 Set
12	GLAND STUD & NUT	C.S. / S.S.	2
11	LEVER	C.S. / S.S.	1
10	STOPPER PLATE	C.S. / S.S.	1
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	CHECK NUT	WCB/CF8/CF8M	1
1	BODY	WCB/CF8/CF8M	1

BILL OF MATERIAL

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-: Special Features :-

1. In built ISO 5211 Mounting Pad
2. Gland Arrangement
3. Locking Arrangement
4. Square Design Stem & Lever

-: 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:-	1 Pc., FULL BORE, BLOW-OUT PROOF STEM, FLOATING BALL, SOFT SEATED DESIGN BALL VALVE,Inbuilt ISO 5211 Mounting Pad
DESIGN & MFG. CODE	ASME B16.34 & ISO 17292
INSPECTION & TESTING	API 598
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)	kg/cm² / Psig / BAR	32 / 450 / 30	7 / 100 / 6.8
SEAT	kg/cm² / Psig / BAR	21 / 300 / 19.5	7 / 100 / 6.8

VALVE TYPE	RATING	NOMINAL SIZE	DESCRIPTION	MATERIAL
1 PC FIRE SAFE	ASA 150 #	AS SHOWN	ASSEMBLY BALL VALVE 1PC.	AS SHOWN
SCALE NTS	END CONNECTION FLANGED	STANDARD ISO 17292	ALL DIMENSIONS ARE IN M.M. UNLESS OTHERWISE SPECIFIED	DESIGN KMS / DATE 14/03/2015
PROJECTION THIRD ANGLE			REMOVE SHARP CORNERS	CHECKED / DATE
	UNSPECIFIED TOLERANCES FOR MACHINED DIMENSIONS			
	0-75 ±0.20	75-300 ±0.40	300-600 ±0.50	ABOVE 600 ±0.75
Appex	SHARVIL ENGINEERS, 147, ADARSH ESTATE, RAKHIAL, AHMEDABAD.-380 023.			APPROVED / DATE; REV. 00; DRG. No. SE/BLV-2PC/FP/150/1-12

☑ **FOR REFERENCE** ☐ **FOR APPROVAL** ☐ **FOR RECORD**