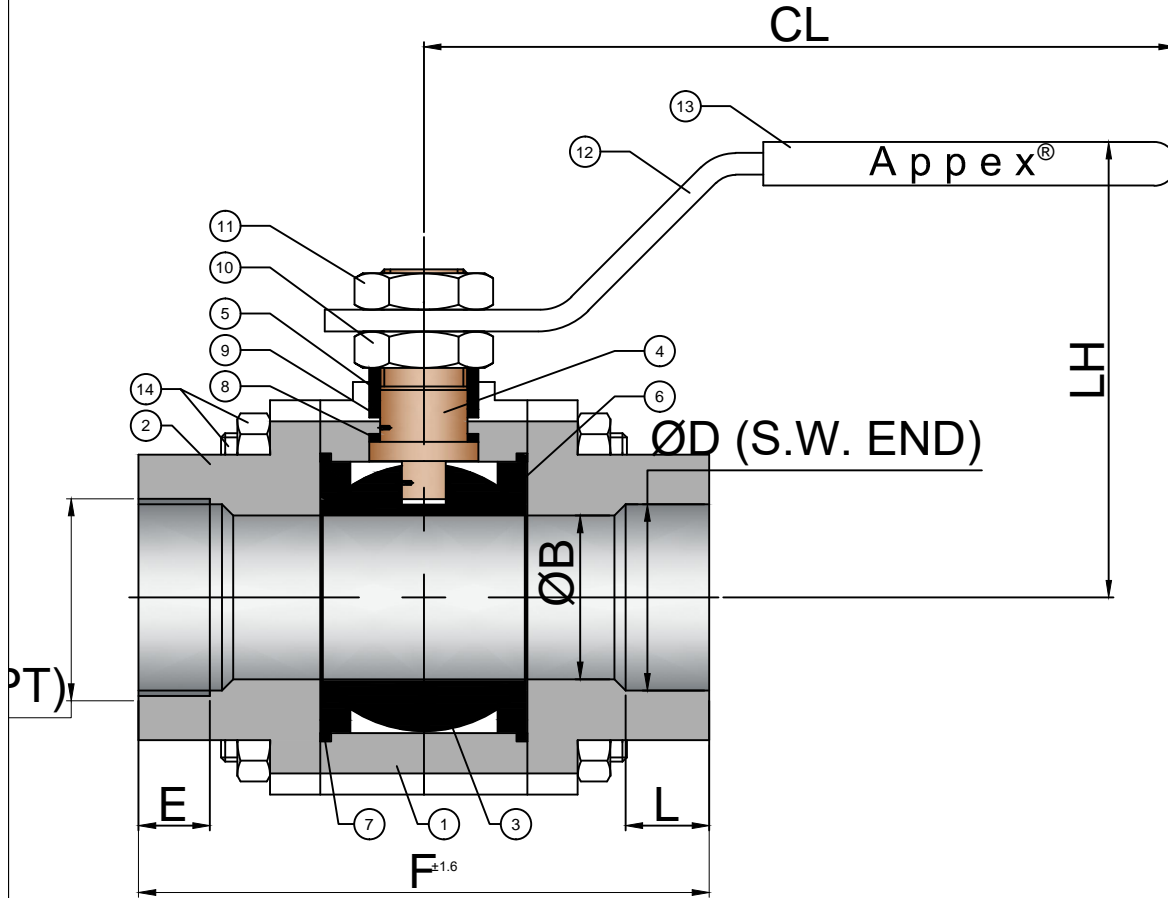


**FORGED STEEL FULL BORE  
3Pc SCREWED/SW BALL VALVE**

SIZE	F	ØC	ØD	E	L	CL	LH	ØB	WEIGHT IN Kg
1/2"	72	1/2"	21.70	14	9.5	50	118	12.5	-
3/4"	78	3/4"	27.05	18	12.5	53	120	19	-
1"	100	1"	33.80	20	12.5	66	150	25	-
1 1/2"	124	1 1/2"	48.65	22	12.5	88	200	38	-
2"	136	2"	61.10	25	15.9	107	225	47	-



14	BODY STUDS & NUTS	ASTM A 193 Gr. B7/2H	REQ
13	SLEEVE	PVC	1
12	HANDLE	C.S. / S.S.	1
11	STEM NUT	C.S. / S.S.	1
10	GLAND NUT	C.S. / S.S.	1
9	GLAND PACKINGS	PTFE/GFT/CFT	REQ
8	STEM PACKING	PTFE/GFT/CFT	1
7	BODY SEAL	PTFE/GFT/CFT	2
6	SEAT	PTFE/GFT/CFT	2
5	GLAND	AISI 304/304L/316/316L	1
4	STEM	AISI 304/304L/316/316L	1
3	BALL	AISI 304/304L/316/316L	1
2	CONNECTORS	ASTM A 105/ F 304L/ F 316	2
1	BODY	ASTM A 105/ F 304L/ F 316	1
P.NO	NOMENCLATURE	MATERIAL	QTY.

**BILL OF MATERIAL**

----- X -----

**-: Special Features :-**

1. Blackodized.
2. Low torque operation.
3. Interchangeability.
4. 100% tight shut off.

**-: Available Options :-**

1. Special Alloy Steel MOC.
2. Special Face to Face.
3. Fire safe design ball valve
4. Cavity fill up 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 B 16.34
INSPECTION & TESTING	API 598/BS 6755
FACE TO FACE	SHOWN IN DRAWING
END CONNECTION	ASME B 16.11 - BSP/NPT
CLIENT	
P.O. NO.	

SHELL (BODY)	kg/cm <sup>2</sup>	40	7
	Psig	570	100
SEAT	kg/cm <sup>2</sup>	32	7
	Psig	455	100
	BAR	39	6.8
	BAR	31	6.8

HYDROSTATIC  
PRESSURE  
TESTING

PNEUMATIC  
PRESSURE  
TESTING

VALVE TYPE	RATING	NOMINAL SIZE	DESCRIPTION		MATERIAL
3 PC FIRE SAFE	ASA 150 #	AS SHOWN	ASSEMBLY BALL VALVE SPC.		AS SHOWN
SCALE NTS	END CONNECTION SCREWED	STANDARD ISO 17292	ALL DIMENSIONS ARE IN M.M. UNLESS OTHERWISE SPECIFIED		DESIGN KMS
PROJECTION THIRD ANGLE	UNSPECIFIED TOLERANCES FOR MACHINED DIMENSIONS			CHECKED	DATE
	0-75	75-300	300-600	ABOVE 600	APPROVED
	±0.20	±0.40	±0.50	±0.75	DATE
	<b>SHARVIL ENGINEERS</b>				REV. 00
	147, ADARSH ESTATE, RAKHIAL, AHMEDABAD.-380 023.				DRG. No. SE/BLV-3PC/RP/8001-12

**FOR REFERENCE**

**FOR APPROVAL**

**FOR RECORD**