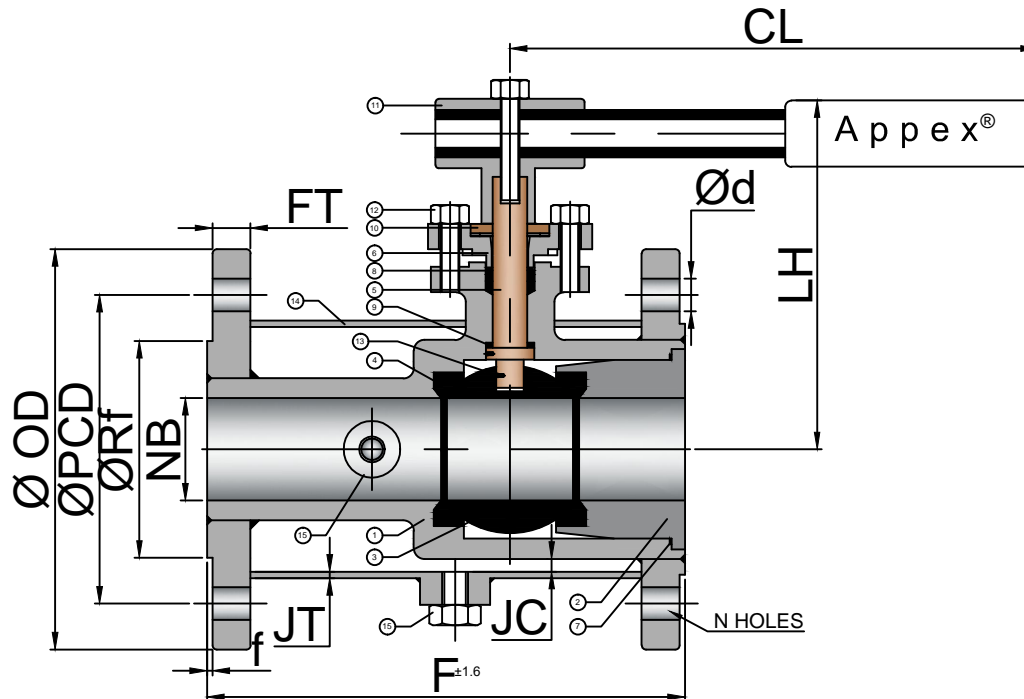
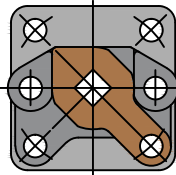


# JACKETED BALL VALVE

Inbuilt ISO 5211 Mounting Pad

| SIZE      | ØNB | F   | Ø OD  | FT   | ØRf | ØPCD  | Ød   | N | CL  | LH  |
|-----------|-----|-----|-------|------|-----|-------|------|---|-----|-----|
| 25 X 40   | 25  | 165 | 127   | 14.3 | 73  | 98.5  | 16   | 4 | 186 | 86  |
| 40 X 50   | 38  | 178 | 152   | 15.9 | 92  | 120.6 | 19   | 4 | 282 | 120 |
| 50 X 80   | 50  | 203 | 190   | 19.1 | 127 | 152.4 | 19   | 4 | 282 | 127 |
| 65 X 80   | 64  | 203 | 190   | 19.1 | 127 | 152.4 | 19   | 4 | 290 | 134 |
| 80 X 100  | 75  | 229 | 229   | 23.9 | 157 | 190.5 | 19   | 8 | 378 | 168 |
| 100 X 150 | 100 | 267 | 279.4 | 25.4 | 216 | 241.3 | 22.2 | 8 | 378 | 188 |
| 125 X 200 | 125 | 292 | 343   | 28.6 | 270 | 298.5 | 22.2 | 8 | 410 | 290 |
| 150 X 200 | 150 | 292 | 343   | 28.6 | 270 | 298.5 | 22.2 | 8 | 410 | 290 |



| 15   | PLUG              | S.S.          | 2/3   |
|------|-------------------|---------------|-------|
| 14   | JACKET            | S.S.          | 1     |
| 13   | ANTISTATIC DEVICE | AISI 316      | 2 Set |
| 12   | GLAND STUD & NUT  | S.S.          | 2     |
| 11   | LEVER             | C.S.          | 1     |
| 10   | STOPPER PLATE     | S.S.          | 1     |
| 9    | STEM SEAL         | CFT           | 1     |
| 8    | GLAND PACKING     | CFT           | 4     |
| 7    | BODY SEAL         | PTFE          | 1     |
| 6    | GLAND             | AISI 316      | 1     |
| 5    | STEM              | AISI 316      | 1     |
| 4    | SEAT RING         | GFT           | 2     |
| 3    | BALL              | AISI 316      | 1     |
| 2    | CHECK NUT         | SS 316 (CF8M) | 1     |
| 1    | BODY              | SS 316 (CF8M) | 1     |
| P.NO | NOMENCLATURE      | MATERIAL      | QTY.  |

**BILL OF MATERIAL**

----- X -----

**NOTES :-**

- Dimensions can vary against specific requirement.
- JC: Jacket clearance - 5 to 6 mm.
- JT: Jacket Thickness - 3 mm.
- Plug Size : 1/2" BSP / NPT.

**Special Features :-**

- In built ISO 5211 Mounting Pad
- Gland Arrangement
- Locking Arrangement
- Square Design Stem & Lever

**Available Options :-**

- Special Alloy Steel MOC.
- Special Face to Face.
- Fire safe design ball valve
- Cavity fill up design.
- Extended stem design.

CONSTRUCTION:- 1 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.             |                                |

|              |                    |      |     |
|--------------|--------------------|------|-----|
| SHELL (BODY) | kg/cm <sup>2</sup> | 32   | 7   |
|              | Psig               | 450  | 100 |
| SEAT         | kg/cm <sup>2</sup> | 21   | 7   |
|              | Psig               | 300  | 100 |
|              | BAR                | 19.5 | 6.8 |

HYDROSTATIC  
PRESSURE  
TESTING

PNEUMATIC  
PRESSURE  
TESTING

| 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 KRS DATE 23/03/2015          |
| PROJECTION THIRD ANGLE                           | REMOVE SHARP CORNERS   |                    |   | CHECKED   | DATE                                |
| UNSPECIFIED TOLERANCES FOR MACHINED DIMENSIONS   |                        |                    |   |           |                                     |
|  | 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. AA/BLV-JACKETED/FP/1501-12 |

FOR REFERENCE

FOR APPROVAL

FOR RECORD