

**Code: 1013A 3 Way Ball Valve CS Body Flanged End 150 Class (T Port).**

**FEATURES:**

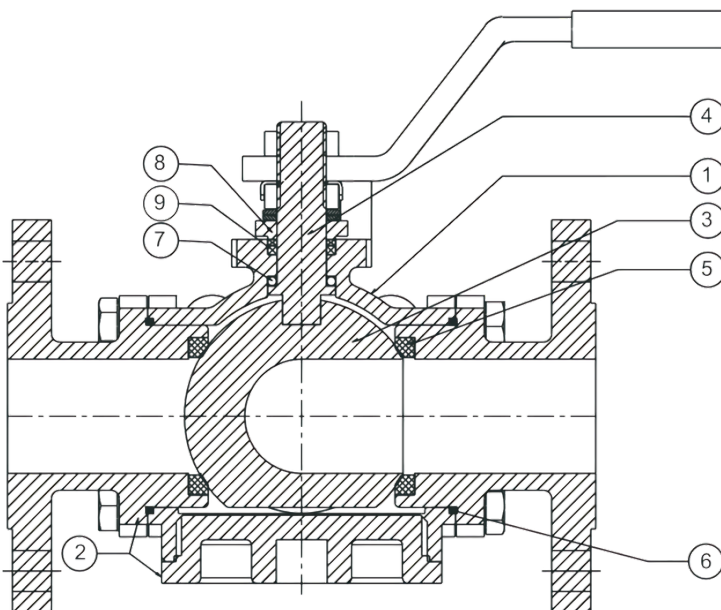
- Blow-Out Proof Stem.
- Low emission packing.
- Seating is available for all 3 ports.
- ISO 5211 Mounting Pad (On Request)

**Codes & Standards:**

- General design & mfg: BS EN ISO 17292 / ASME B 16.34
- Valve face to face dimensions: As per Mfg. Standard.
- Flange drilling: ASME B16.5
- Valve inspection and testing: API 598 / ISO 5208

**Technical Specifications:**

- Valve type: 3 Way T Port
- Seat type: Soft Seat
- End Connection: Flanged End 150 Class
- Size range: 1 inch to 6 inch (25mm to 150mm)
- Pressure Rating: ASA 150 Class
- Operating Temperature Range: -38 deg C to 200 deg. C
- Seat leakage: Class VI - Soft Seat.
- Operation: Hand lever / Gear / Actuated

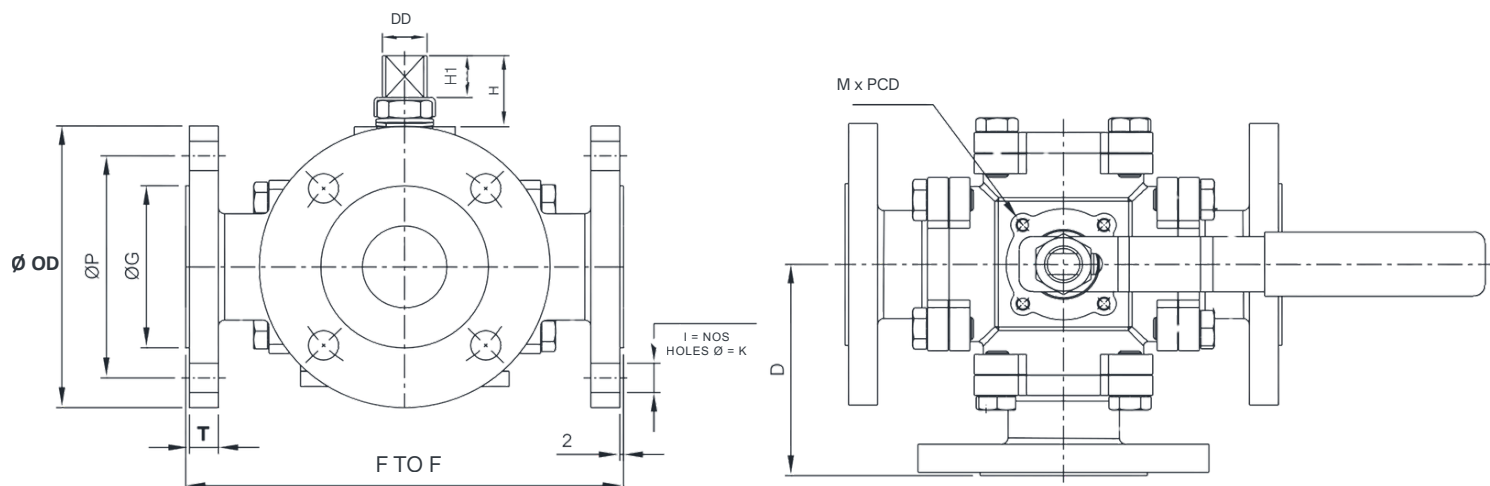


| Sr. No. | Part Name             | Material     | QTY.   |
|---------|-----------------------|--------------|--------|
| 1       | Body                  | CS to WCB    | 01     |
| 2       | Side & Bottom Adaptor | CS to WCB    | 02     |
| 3       | Ball                  | SS 304       | 01     |
| 4       | Stem                  | SS 304       | 01     |
| 5       | Seat                  | PTFE         | 02     |
| 6       | Body Gasket           | PTFE         | 02     |
| 7       | Stem Seal             | PTFE         | 02     |
| 8       | Gland                 | SS 410       | 01     |
| 9       | Gland Packing         | Graphite     | 02     |
| 10      | Stud                  | High Tensile | 01 Set |
| 11      | Nuts                  | High Tensile | 01 Set |



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**VALVE DIMENSIONS DATA:**



| 150 Class (T Port) |       |        |           |            |                   |             |                          |            |            |         |     |    |         |               |
|--------------------|-------|--------|-----------|------------|-------------------|-------------|--------------------------|------------|------------|---------|-----|----|---------|---------------|
| SIZE               |       | F to F | Ø G<br>RF | Ø P<br>PCD | Ø OD<br>Flange OD | D<br>Center | T<br>Flange<br>Thickness | I<br>Holes | Ø K<br>Dia | DD      | H   | H1 | MxPCD   | Approx Weight |
| inch               | mm    |        |           |            |                   |             |                          |            |            |         |     |    |         | Per Unit.     |
| 1 inch             | 25mm  | 165    | 50.8      | 79.4       | 110               | 82.5        | 12.7                     | 4          | 15.9       | Ø14x9.5 | 26  | 13 | M6x50   | 7.6 Kg.       |
| 1 ½ inch           | 40mm  | 190    | 73        | 98.4       | 125               | 95          | 15.9                     | 4          | 15.9       | Ø16x12  | 32  | 13 | M6x50   | 15 Kg.        |
| 2 inch             | 50mm  | 216    | 92.1      | 120.7      | 150               | 108         | 17.5                     | 4          | 19         | Ø18x12  | 28  | 15 | M8x70   | 26 Kg.        |
| 3 inch             | 80mm  | 310    | 127       | 152.4      | 190               | 155         | 22.3                     | 4          | 19         | Ø24x16  | 40  | 20 | M10x102 | 46 Kg.        |
| 4 inch             | 100mm | 350    | 157.2     | 190.5      | 230               | 175         | 22.3                     | 8          | 19         | Ø30x22  | 57  | 24 | M10x102 | 80 Kg.        |
| 6 inch             | 150mm | 425    | 215.9     | 241.3      | 280               | 212.5       | 23.9                     | 8          | 22         | Ø58x46  | 117 | 79 | M14x140 | 95 Kg.        |

**Note:- All Dimensions are in mm**

## Different Position of Three Way T Port Ball Valve

### "T" PORT

