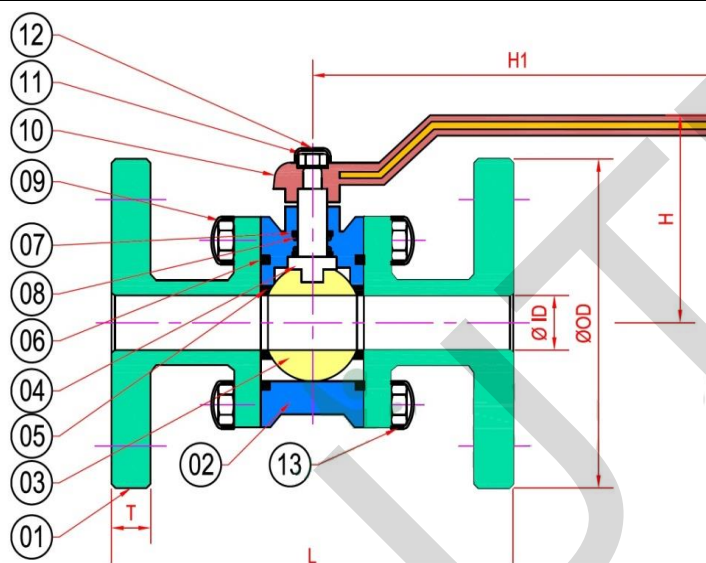


## HDPE Flanged End Ball Valves

|                          |                                                                       |
|--------------------------|-----------------------------------------------------------------------|
| MATERIAL OF CONSTRUCTION | HDPE (High-Density Polyethylene)                                      |
| DESIGN                   | 3 PIECE DESIGN                                                        |
| MAX. WORKING TEMP.       | 80° C                                                                 |
| END CONNECTION :         | FLANGED ENDS TO ASA 150# / TABLE D (CAPSULE HOLE WILL COME)           |
| CONSTRUCTION             | 3PC DESIGN + 1 PIECE STEM + FULL BORE + TEFLON SEATED                 |
| HYDRAULIC TEST PRESSURE  | 1/2" TO 4" - 10 KG/CM <sup>2</sup> & 5" TO 12" - 5 KG/CM <sup>2</sup> |
| SIZE RANGE               | 1/2" (15MM) TO 300MM (12")                                            |
| STANDARD                 | AS PER MANUFACTURER                                                   |



| SR NO. | DESCRIPTION         | MATERIAL      | QTY  |
|--------|---------------------|---------------|------|
| 01     | SIDE PIECE          | HDPE          | 1+1  |
| 02     | BODY                | HDPE          | 1    |
| 03     | BALL                | Polypropylene | 1    |
| 04     | STEM / SPINDLE      | PP WITH MS    | 1    |
| 05     | SEAT RING           | PTFE (TEFLON) | 2    |
| 06     | SIDE PIECE 'O' RING | NEOPRENE      | 2    |
| 07     | STEM SEAL RING      | PTFE (TEFLON) | 1    |
| 08     | STEM 'O' RING       | NEOPRENE      | 2    |
| 09     | STUD, NUT & WASHER  | MS            | REQ. |
| 10     | HANDLE              | MS            | 1    |
| 11     | HANDLE HEX PIN      | MS            | 1    |
| 12     | HANDLE CAP          | Polypropylene | 1    |
| 13     | NUT CAP             | Polypropylene | REQ. |

| SIZE   |               | L   | T  | OD  | ID  | H1  | H   |
|--------|---------------|-----|----|-----|-----|-----|-----|
| INCH   | MM            |     |    |     |     |     |     |
| 1/2"   | 15MM          | 126 | 15 | 100 | 15  | 130 | 69  |
| 3/4"   | 20MM          | 144 | 16 | 101 | 20  | 131 | 75  |
| 1"     | 25MM          | 156 | 18 | 123 | 24  | 153 | 85  |
| 1.1/2" | 40MM          | 177 | 20 | 140 | 38  | 190 | 101 |
| 2"     | 50MM          | 204 | 22 | 165 | 60  | 190 | 110 |
| 2.1/2" | 65MM          | 225 | 23 | 185 | 63  | 240 | 127 |
| 3"     | 80MM          | 245 | 25 | 200 | 75  | 240 | 135 |
| 4"     | 100MM         | 300 | 28 | 228 | 100 | 15  | 162 |
| 5"/6"  | 125MM / 150MM | 420 | 30 | 300 | 150 | -   | 236 |
| 8"     | 200MM         | 488 | 32 | 370 | 200 | -   | 325 |
| 10"    | 250MM         | 570 | 34 | 425 | 242 | -   | 310 |
| 12"    | 315MM         | 590 | 35 | 487 | 300 | -   | 309 |

ALL DIMENSION ARE IN  $\pm 2/3$ MM