



# TRUE UNION BALL VALVE (FLANGE TYPE)

Size : 1/2" ~ 4"

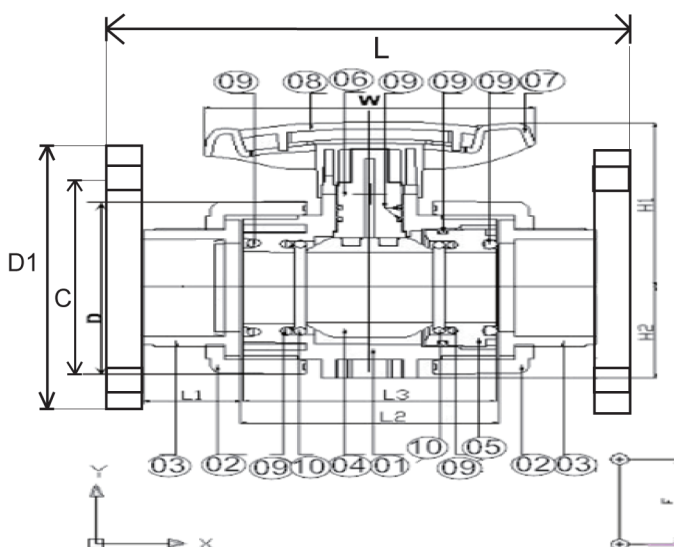
Joint End : Flange End (ANSI/CNS/DIN/JIS)

Working Pressure: 150 PSI



## Specification of material

| NO. | PART            | MATERIAL     | Q'TY |
|-----|-----------------|--------------|------|
| 1   | BODY, FLANGE    | UPVC/CPVC/PP | 1    |
| 2   | UNION NUT       | UPVC/CPVC/PP | 2    |
| 3   | UNION END       | UPVC/CPVC/PP | 2    |
| 4   | BALL            | UPVC/CPVC/PP | 1    |
| 5   | THREADED SPACER | UPVC/CPVC/PP | 1    |
| 6   | STEM            | UPVC/CPVC/PP | 1    |
| 7   | HANDLE          | ABS          | 1    |
| 8   | HANDLE CAP      | ABS          | 1    |
| 9   | ORING           | EPDM/VITON   | 7    |
| 10  | SEAT            | PTFE         | 2    |



## Dimensions

Unit: mm

| Nom.<br>Size  | D     | d  | C     |     |     | H1    | H2    | L2    | W     | I   | F    | D1  | L     | n-φe |     |
|---------------|-------|----|-------|-----|-----|-------|-------|-------|-------|-----|------|-----|-------|------|-----|
|               |       |    | ANSI  | JIS | DIN |       |       |       |       |     |      |     |       | ANSI | JIS |
| DN15 (1/2")   | 53.8  | 15 | 60.3  | 70  | 65  | 49.3  | 27.5  | 68.0  | 75.0  | M6  | 31.0 | 95  | 139.2 | 4-15 |     |
| DN20 (3/4")   | 64.8  | 20 | 70.0  | 75  | 75  | 63.0  | 33.5  | 70.5  | 92.0  | M6  | 33.0 | 100 | 148.6 | 4-15 |     |
| DN25 (1")     | 76.0  | 25 | 79.4  | 90  | 85  | 73.0  | 39.0  | 83.5  | 93.8  | M6  | 40.0 | 125 | 169.7 | 4-19 |     |
| DN32 (1-1/4") | 85.8  | 32 | 88.9  | 100 | 100 | 86.0  | 43.5  | 92.0  | 110.0 | M8  | 45.0 | 140 | 194.8 | 4-19 |     |
| DN40 (1-1/2") | 91.5  | 40 | 98.4  | 105 | 110 | 95.5  | 48.0  | 98.0  | 115.0 | M8  | 52.0 | 140 | 206   | 4-19 |     |
| DN50 (2")     | 122.0 | 50 | 120.7 | 120 | 125 | 113.0 | 62.0  | 126.0 | 146.0 | M8  | 70.0 | 165 | 245   | 4-22 |     |
| DN65 (2 1/2") | 148.0 | 65 | 139.5 | 140 | 145 | 132   | 74.0  | 120.5 | 170   | M10 | 84   | 175 | 281.6 | 4-19 |     |
| DN80 (3")     | 178.2 | 75 | 152.4 | 150 | 160 | 156   | 89.1  | 139.5 | 221   | M10 | 84   | 200 | 303.5 | 8-24 |     |
| DN100 (4")    | 218.9 | 97 | 190.5 | 175 | 180 | 173   | 109.5 | 165   | 250   | M10 | 84   | 220 | 353.0 | 8-26 |     |