

## 1078I Butterfly Valve (Wafer Type), PN 2.5 with S.S 304 Disc

### Salient Features

- Design Standard IS 13095 / BS EN 593 (BS 5155).
- Wafer Type.
- Lever Operated.
- S.G Iron construction.
- Stainless Steel (CF8 / CF8M\*) Disc which is accurately guided between the two stems.
- Integrally moulded rubber lining (EPDM / Nitrile / Neoprene\* / Viton\* / Silicon\*) as per requirement which provides seating to the valve disc, as a primary seal to the stem and gasket joint with matching pipe flanges.
- Two Piece Stem design which is precisely guided between the PTFE / Bronze bushes.
- Compatible to sandwich between flanges as per BS 10 Table D, E, F, H, DIN, PN 10, PN 16, PN 25, PN 40, ASA 150, ASA 300, IS 778, IS 6392 Table 17 and IS 1538.

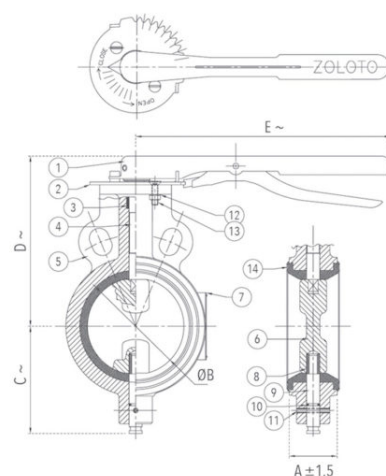
\*Valves with Neoprene / Viton / Silicon lining and CF8M (S.S 316) Disc can also be provided at nominal extra cost.

PN 2.5 -  
Test Pressure (Hydrostatic) :  
Shell : 3.75 MPa  
Seat : 2.75 MPa  
Maximum Working Pressure : 2.5 MPa  
Maximum Working Temperature : 90°C

**Suitable For**  
Water

### Materials

| P.No. | Name of Part          | Material of Construction     | Specification                      | Qty.   |
|-------|-----------------------|------------------------------|------------------------------------|--------|
| 1     | Flow Control Lever    | Carbon Steel (Powder Coated) | ---                                | 1      |
| 2     | Notch Plate           | Carbon Steel (Powder Coated) | ---                                | 1      |
| 3     | Packing Bush          | PTFE                         | ---                                | 1      |
| 4     | Upper Stem            | Stainless Steel              | IS 6603 Gr. 12 Cr12                | 1      |
| 5     | Body                  | S.G Iron                     | IS 1865 Gr. 400/15                 | 1      |
| 6     | Disc                  | Stainless Steel              | IS 3444 Gr. 1 / ASTM A 351 Gr. CF8 | 1      |
| 7     | Name Plate            | Aluminium                    | ---                                | 1      |
| 8     | Bush                  | Bronze                       | IS 318 Gr. LTB 2                   | 1      |
| 9     | Lower Stem            | Stainless Steel              | IS 6603 Gr. 12 Cr12                | 1      |
| 10    | 'O' Ring              | Nitrile Rubber               | IS 5192 - 1                        | 1      |
| 11    | L - Key Screw         | Carbon Steel                 | ---                                | 1      |
| 12    | C - Sunk Screw & Nuts | Carbon Steel                 | ---                                | 2 Each |
| 13    | Locking Washer        | Spring Steel                 | ---                                | 2      |
| 14    | Body Lining           | EPDM / Nitrile               | IS 5192 - 1                        | 1      |



### Sizes / Dimensions

| Size (Inches) | Size (mm) | A ±1.5 | ØB    | C ~ | D ~ | E ~ |
|---------------|-----------|--------|-------|-----|-----|-----|
| 1 1/2         | 40        | 33     | 40.6  | 57  | 113 | 260 |
| 2             | 50        | 43     | 53    | 73  | 125 | 260 |
| 2 1/2         | 65        | 46     | 67.5  | 80  | 140 | 260 |
| 3             | 80        | 46     | 81.3  | 88  | 145 | 260 |
| 4             | 100       | 52     | 101.5 | 110 | 178 | 260 |
| 5             | 125       | 56     | 127.1 | 122 | 190 | 260 |
| 6             | 150       | 56     | 151.5 | 151 | 204 | 260 |

~ ±10

**NOTE :** Valves upto 150mm can also be provided with limit switch and gear arrangement at nominal extra cost.