

## LI-BFV1.6-01SS Stainless Steel Butterfly Valve, PN-16 (Lintas)

### Features

- Wafer-style design.
- Lever-operated mechanism.
- Constructed from Cast Iron.
- Features a stainless steel disc (CF8/CF8M\*) that is accurately guided between two stems.
- Equipped with an integrally moulded rubber lining (available in EPDM, Nitrile) to ensure a tight seal for the valve disc and to provide a primary seal at the stem and gasket joint, compatible with corresponding pipe flanges.
- Utilises a two-piece stem design that is precisely guided by PTFE bushes.
- Designed for compatibility with flange standards such as BS 10 Tables 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 CF8M (S.S 316) Disc & Body can also be provided at nominal extra cost.

PN 1.6 -

Test Pressure (Hydrostatic) :

Shell: 2.4 MPa

Seat: 1.76 MPa

Maximum Working Pressure: 1.6 MPa

Maximum Working Temperature: 90°C



### Suitability

Water

### Materials of Construction

| P.No. | Part Name             | Material                     | 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                  | Stainless Steel              | SS 304 (CF8) / SS 316 (CF8M) | 1      |
| 6     | Disc                  | Stainless Steel              | SS 304 (CF8) / SS 316 (CF8M) | 1      |
| 7     | Name Plate            | Aluminium                    | ---                          | 1      |
| 8     | Bush                  | PTFE                         | ---                          | 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      |

### Dimensions

| Size (Inches) | Size (mm) | A ±1.5 | ØB   | C~    | D~  | E~  |
|---------------|-----------|--------|------|-------|-----|-----|
| 1 1/2         | 40        | 34     | 52   | 57.5  | 109 | 175 |
| 2             | 50        | 43     | 52.5 | 64.5  | 122 | 175 |
| 2 1/2         | 65        | 46     | 78   | 76    | 134 | 210 |
| 3             | 80        | 46     | 96   | 89.5  | 138 | 210 |
| 4             | 100       | 52     | 117  | 101   | 181 | 263 |
| 5             | 125       | 56     | 141  | 117.5 | 198 | 263 |
| 6             | 150       | 56     | 166  | 133   | 213 | 263 |
| 8             | 200       | 60     | 220  | 168   | 270 | 340 |

\*The data in this dimensional table is for reference only, actual size may vary as the product undergoes development, The company will keep updating the latest datasheet when available

