

## AV-96E Cast Iron Butterfly Valve, PN-16

### Features

|                            |                                                                                              |
|----------------------------|----------------------------------------------------------------------------------------------|
| Product Standard           | IS-13095                                                                                     |
| Testing Standard           | IS-13095                                                                                     |
| Pressure / Class Rating    | PN-16                                                                                        |
| Body Material Cum Standard | Cast Iron (IS 210 Gr. FG200)                                                                 |
| Product Description        | Wafer Type, without Lugs                                                                     |
| Type of Seat               | Integrally Moulded Liner                                                                     |
| Trim                       | EPDM Liner, Disc: Stainless Steel (CF8), Stem: 13% Cr. (SS 410)                              |
| End Details                | Suitable for insertion between Flanges as per ANSI B16.1 Class-125 DIN ND-10 & BS-10 Table-E |
| Test Pressure              | Body: 350 Psig (Hyd.), Seat: 255 Psig (Hyd.)                                                 |
| Max. Working Temperature   | 80°C                                                                                         |

### Notes

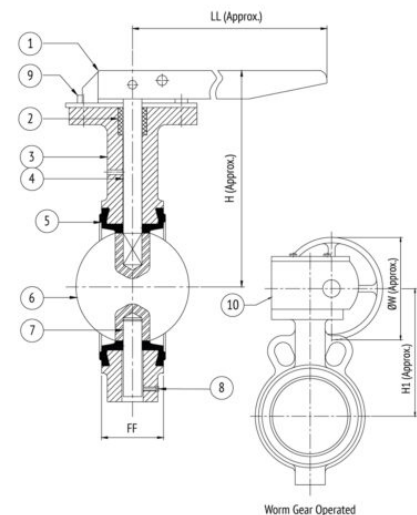
Face-to-Face dimensions are from the metal surface.  
Valves Sizes 8" & above are available with Gear Arrangement.

### Suitability

Water, Air

### Material Combination

| S.No | Description    | No. | Material                  |
|------|----------------|-----|---------------------------|
| 1    | Lever Assembly | 1   | D.I.                      |
| 2    | Packing Ring   | 1   | PTFE                      |
| 3    | Body           | 1   | C.I.                      |
| 4    | Upper Stem     | 1   | Stainless Steel           |
| 5    | Body Liner     | 2   | EPDM (Integrally Moulded) |
| 6    | Disc           | 1   | C.S.S.                    |
| 7    | Lower Stem     | 1   | Stainless Steel           |
| 8    | L-Key Screw    | 1   | Carbon Steel              |
| 9    | L-Key Screw    | 2   | Carbon Steel              |
| 10   | Gear Box       | 1   | C.I.                      |



### Dimensional Data

| Size (mm) | FF | LL  | H   | H1  | ØW  |
|-----------|----|-----|-----|-----|-----|
| 40        | 33 | 208 | 128 | -   | -   |
| 50        | 43 | 208 | 140 | -   | -   |
| 65        | 46 | 208 | 155 | -   | -   |
| 80        | 46 | 257 | 165 | -   | -   |
| 100       | 52 | 257 | 180 | -   | -   |
| 125       | 56 | 257 | 200 | -   | -   |
| 150       | 56 | 257 | 210 | -   | -   |
| 200       | 60 | -   | -   | 305 | 200 |
| 250       | 68 | -   | -   | 350 | 200 |
| 300       | 78 | -   | -   | 400 | 200 |