



**INTERVALVE® POONAWALLA LTD.**

*The name says it all*



INTERVALVE IVGKL

**Superior performance at reduced cost**  
Rubber Lined Butterfly Valves for HVAC & Utilities



Intervalve's GKL series valves are designed to meet the demanding requirements of the general utility valve market with the HVAC segment in particular. IVGKL is a truly fit & forget valve, which requires minimal maintenance.

The body liner which also functions as the soft seat, comes in an integrally moulded (bonded) version and offers 100% bi-directional sealing. The wafer style body has universal design to fit between pipe flanges of almost all popular flange standards.

**Conformity to Codes & Standards :**

|                                  |  |
|----------------------------------|--|
| General design and manufacturing | : EN 593   |
| Valve face to face dimensions    | : EN 593 / API 609 category A / Short wafer as per ISO 5752 Tab 5                      |
| Top flange drilling              | : ISO 5211   |
| Valve inspection and testing     | : EN 12266 PART 1  |
| Flange standard                  | : DIN EN 1092 - PN6 / PN 10, Class 150, JIS5K / 10K, BS10 Tab D&E, IS 6392 Tab 11 / 17 |

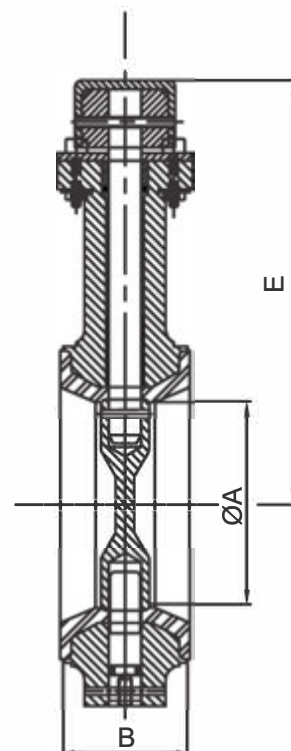
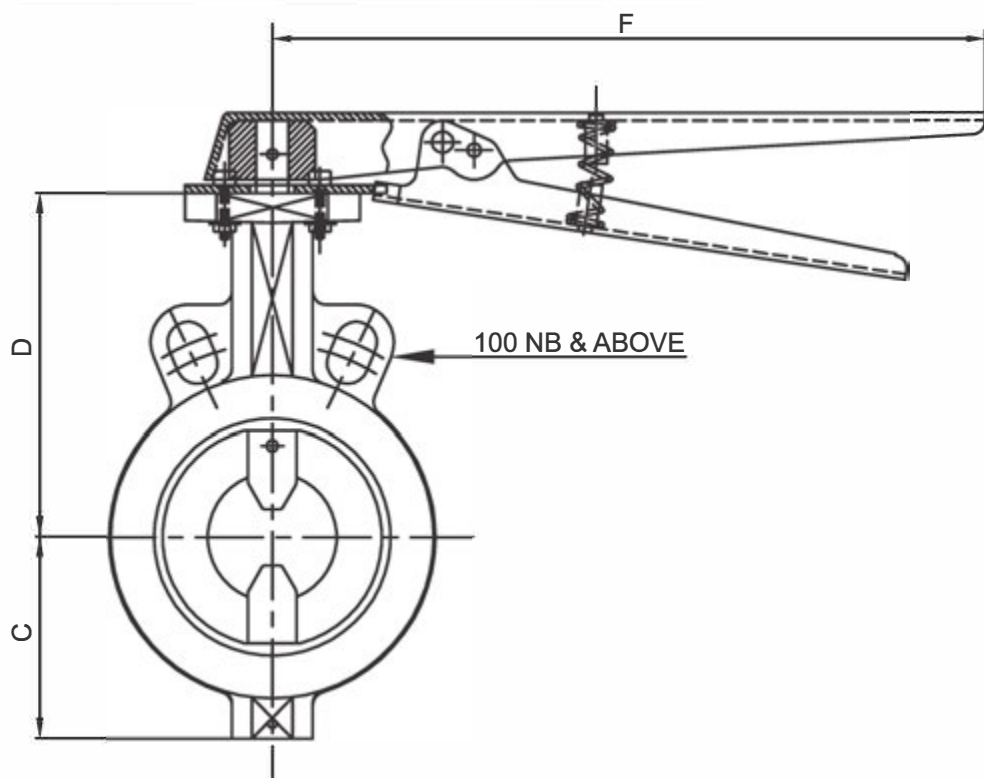
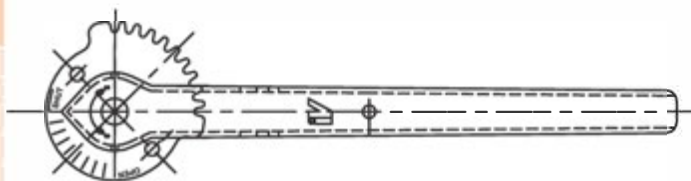
**Technical specifications :**

|   |   |
|---|---|
| • Valve type                              | : Centric Disc Rubber Lined Butterfly valve with a single piece body. |
| • Body type                               | : Short wafer (Sandwiched between flanges)                            |
| • Seat type                               | : Integrally moulded with the body.                                   |
| • End Connection                          | : Wafer Sandwiched  |
| • Size range                              | : DN40 to DN200   |
| • Pressure rating                         | : PN16 (max)  |
| • Operating temperature range             | : -25°C to 80°C   |
| • Seat leakage                            | : Tight shut off (Bi-directional)                                     |
| • Operation                               | : Handlever for sizes from DN40 to DN200                              |
| • Standard Material of Construction (MOC) |   |
| Valve Body                                | : CI (IS 210 FG 260)  |
| Valve Disc                                | : SGI (GGG 40)  |
| Seat liner                                | : Nitrile   |
| Drive end and non end shaft               | : SS 410  |



## DIMENSIONS (mm) with Pressed Steel Handlever

| VALVE SIZE | ØA  | B  | C   | D   | E   | F   | WT.(kg) Approx. |
|------------|-----|----|-----|-----|-----|-----|-----------------|
| 40         | 40  | 33 | 53  | 103 | 133 | 265 | 1.8             |
| 50         | 50  | 43 | 59  | 113 | 143 | 265 | 2.2             |
| 65         | 65  | 46 | 67  | 121 | 151 | 265 | 2.7             |
| 80         | 80  | 46 | 75  | 128 | 158 | 265 | 3.3             |
| 100        | 100 | 52 | 94  | 146 | 176 | 265 | 5.0             |
| 125        | 125 | 56 | 108 | 158 | 188 | 265 | 6.5             |
| 150        | 150 | 56 | 120 | 174 | 206 | 375 | 8.0             |
| 200        | 200 | 60 | 147 | 198 | 230 | 375 | 11.0            |



### Key features :

- Integrally moulded seat liner on the body, which ensures excellent dimensional stability & guaranteed seat tightness.
- Seat liner extending on to the contact faces ensures perfect sealing and eliminates the need for separate flange gaskets.
- Unique triple sealing system for shaft sealing ensures zero leakage of the media past the shaft seals.
- Narrow land disc ensures perfect sealing with least operating torque requirements.
- A fully universal body design ensures fitment of the valve between companion flanges of all popular standards (viz : ANSI, BS, DIN, JIS, IS etc).
- A ten position notch disc and handle lever ensures locking of the valve in 8 intermediate position in addition to closed and open position. Handle lever lockable through pad lock for tamper proof positioning.
- Body castings made of superior FG 260 grade cast iron to ensure additional strength.
- Valve disc made of ductile cast iron instead of cast iron to withstand against possible water hammer or pressure surges.
- A truly line size body bore to ensure maximum flow capacity with the lowest pressure drop.
- Shafts made of martensitic stainless steel to ensure maximum strength and torsional rigidity.
- Both top and bottom shaft swiveling are guided by self-lubricated PTFE bearings.
- Fool proof handle lever designed to prevent accidental pinching of hand between the handle and locking lever.



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### Dealer & Stockist :-

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