



**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 against vacuum to rated pressures of PN10. The wafer style body has universal design to fit between pipe flanges of almost all popular flange standards.

**Conformity to codes and standards:**

General design and manufacturing	:	API 609 category A/BS 5155/MSS SP-67
Valve face to face dimensions	:	Short wafer as per ISO 5752 Tab 5/API 609 category A
Top flange drilling	:	ISO 5211 part II
Valve inspection and testing	:	API 598
Flange standard conformity	:	ANSI 150 , DIN PN6/10, JIS 5K/ 10K BS10 Tab D & E, IS 6392 NP 0.6 / 1.0

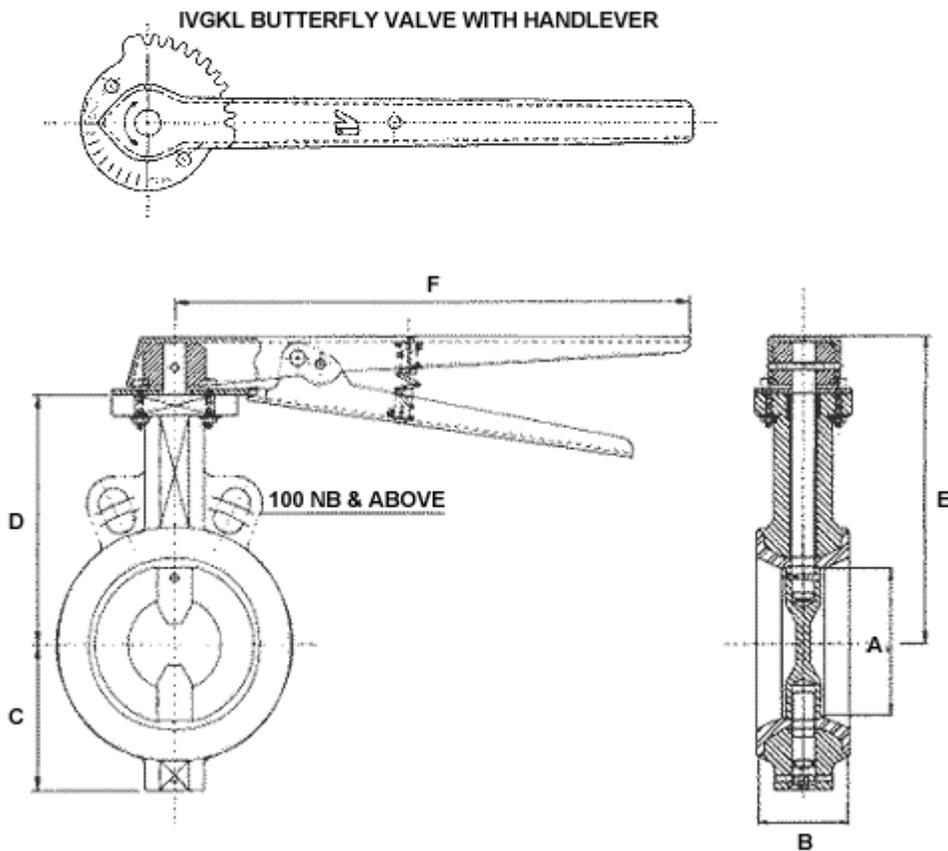
**Technical specifications:**

1. Valve type	:	Centric Disc Butterfly valve with a single piece Rubber lined body
2. Body type	:	Short wafer (sandwiched between flanges)
3. Seat type	:	Integrally moulded with the body.
4. End Connection	:	Wafer Sandwiched
5. Size range	:	40 NB to 300 NB
6. Pressure rating	:	PN 10 ( max )
7. Operating temperature range	:	-25 C to 130 C (depending on MOC)
8. Seat leakage	:	Tight shut off
9. Operation	:	Hand lever for sizes from 40 NB to 250 NB Worm gear boxes for 40 NB to 300 NB.
10. Standard Material of Construction (MOC)		
Body	:	CI
Disc	:	SGI / CF8
Seat	:	EPDM / Nitrile
Shaft	:	AISI 410



DIMENSIONS (in mm ) with Pressed Steel Handlever

Valve size	A	B	C	D	E	F	WT.(kg )
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 handlever ensures locking of the valve in 8 intermediate position in addition to closed and open position. Handlever 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 handlever designed to prevent accidental pinching of hand between the handle and locking lever.