

BUTTERFLY VALVE WITH ISI MARKED

LEHRY MAKE Butterfly valves are most suitable for wide range of industrial applications. These Valves can be integrated with a consistent range of actuators to create complete flow control packages. Versatile ranges of resilient seated quarter turn butterfly valves are available in various configuration and materials to match critical applications. Higher end quality inspection ensures 100% compliances of safety measures, specified pressure rating and each valve assures tight shut-off.

Features :-

- ❖ No pins between shaft and disk connection; this eliminates the possibility of electrolytic corrosion
- ❖ Self lubricated plain bearings for both drive and non-drive end shaft ensures minimum bearing friction torque
- ❖ Choice of seat and disc material to suit media and service requirements
- ❖ Adaptability to lift between companion flanges for all popular flanges standards for water style body
- ❖ Extended stem design for insulated line.
- ❖ Excellent adaptability for actuator operation through standardized ISO 5211 flange mounting dimensions for actuator fitment.

APPLICATIONS

- ❖ General Circuit water industries
- ❖ Flow Shut Off or Regulating Function in sectors including water supply of Irrigation, HVAC.

Test Pressure

Body	: 24 Kg/Cmsq
Seat	: 16 Kg/Cmsq

Specification

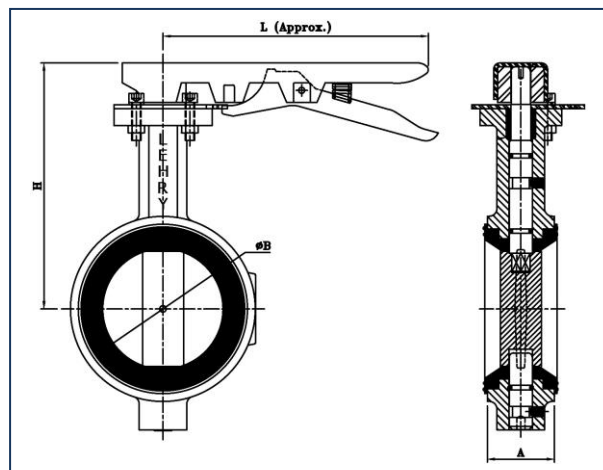
Type of Valve	Centric Disc Butterfly Valve
Body Type	Single Piece, Short Wafer or Wafer Lugged
Operating Temp.	-30°C to 130°C
Spindle	AISI 410 13% Cr
End Connection	Wafer Type
Seal Leakage	Tight Shut Off
Mfg Std	BS5155 With ISI Marked
Operation	40mm – 200mm Lever Operated Above 150mm Gear Operated
Medium	Water

Material

Body	Cast Iron (IS 210 Gr. Fg 200) – Upto 200MM DI (ASTM A 536) – 250mm & Above Sizes
Disc	SGI / CF8 / CF8M
Seat	EPDM / Nitrile
O Ring	NBR
Rubber Liner	EPDM / Nitrile / Neoprene

(Dimensions) - Lever

Size		A±2	ØB	H	L
INC	MM				
2	50	43	51	141	195
2 ½	65	46	65	160	195
3	80	46	81	165	195
4	100	52	103	190	295
5	125	56	125	206	320
6	150	56	153	222	320
8	200	60	201	260	320



Options

Limit Switch for
Lever Operated
Butterfly Valves

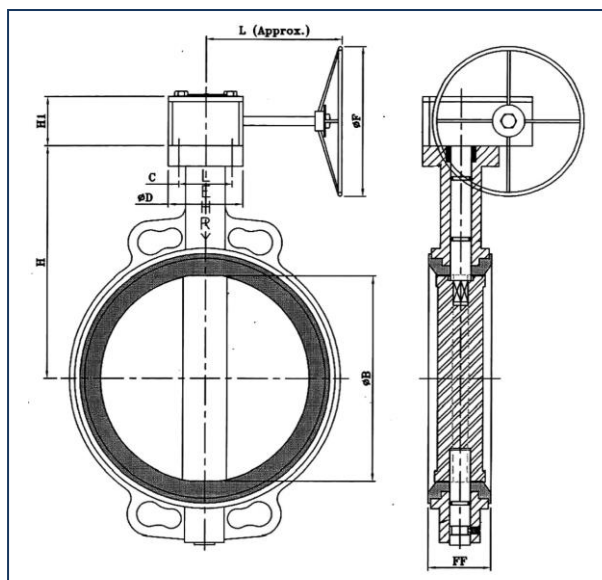


Tamper Switch for
Gear Operated
Butterfly Valves



Electrical Actuator
Suitable for all Size
Butterfly Valves





Dimensions - Gear (All Dimensions are in mm)

Size	FF±2	ØB	ØD	C	H	H1	ØF	L
INC	MM			P.C.D				
6	150	56	153	90	70	206	52	185
8	200	60	201	90	70	235	52	185
10	250	68	253	90	70	282	52	185
12	300	78	300	90	70	302	70	265
14	350	92	331.2	125	102	325	70	265
16	400	102	385.6	125	102	372	80	430
18	450	114	419	150	125	377	92	520
20	500	127	471.4	150	125	400	90	520
24	600	154	574	150	125	505	92	520

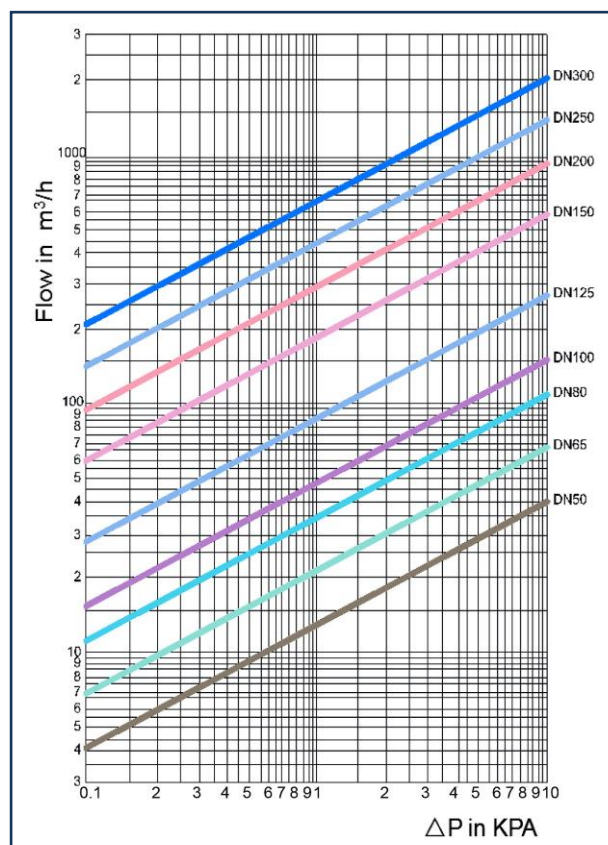
Installation Instructions:-

- ❖ This Valve does not have flow direction of medium requirements, both sides can be used as the inlet or outlet
- ❖ This Valve can be installed horizontally, vertically or inclined upward 45°, and should not be installed with the hand wheel downward.
- ❖ Valve Should be lifted using flange Holes.
- ❖ While installation the disc should be kept minimum 25% open.

Item Code :

CI Body with SGI Iron Disc (Lever) : LIV-BFV-CI-SGI-003
 CI Body with SGI Iron Disc (Gear) : LIV-BFV-CI-SGI-004
 CI Body with CF8 Iron Disc (Lever) : LIV-BFV-CI-CF8-003
 CI Body with CF8 Iron Disc (Gear) : LIV-BFV-CI-CF8-004
 CI Body with CF8M Iron Disc (Lever) : LIV-BFV-CI-CF8M-003
 CI Body with CF8M Iron Disc (Gear) : LIV-BFV-CI-CF8M-004

Pressure Drop chart (DN 50 – DN300)



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