

# CENTRIC BUTTERFLY VALVE



## FEATURES

- Blow-out proof stem
- Reliable performance with low maintenance suitable for both on-off and control applications
- Precisely machined disc provides bubble tight shut-off, assures minimum torque and longer seat life
- Actuator flange accommodates all types of actuators such as levers, gear operators, electric actuators and pneumatic actuators
- Body lining and disc are the only components of the valve that come into contact with the line fluid. These components come in a wide variety of materials which resist degradation from the majority of line fluids
- Bi-directional, hence can shut off liquid and gas in both flow directions
- Stem connections come in either 'double D' or square pattern for mounting of levers and actuators
- Nylon coated disc option ensures excellent corrosion resistance to several chemical media
- Perfectly line sized body bores ensure maximum flow with the lowest pressure drop

## SPECIFICATIONS

### Codes & Standards

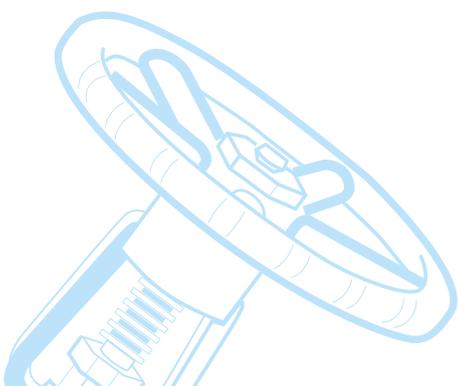
● General design & mfg	API 609 / BS EN 593
● Face to face dimensions	API 609 / BS EN 558-1 / ASME B16.10
● Actuator mounting pad	ISO 5211
● Inspection and testing	API 598 / BS EN 12266 Part 1
● Flange drilling	ASME B16.5

### Technical Specifications

● Valve type	Centric Disc Rubber Lined Butterfly valve with a single piece body
● Body type	Sandwich Between Flange
● Seat type	Integrally moulded with the body
● End Connection	Wafer / Lug / Double flanged
● Size range	DN 40 to DN 600
● Pressure rating	PN10 / PN16 / Class 150
● Operating temp. range	-25°C to 200°C
● Seat leakage	Tight shut off (Bi-directional)
● Operation	Handlever / Gear/Actuated (Pneumatic / Electric)

### Standard Material of Construction (MOC)

● Valve Body	CI / DI / WCB / CF8 / CF8M
● Valve Disc	CF8 / CF8M
● Seat Liner	EPDM / Silicon (Food grade) / Buna N / White Buna N / Viton / Neoprene
● Stem	SS 410 / SS 304 / SS 316 / 17-4PH
● BEARING	PTFE



# CENTRIC BUTTERFLY VALVE

Butterfly Valves are quarter turn rotary motion valves used for throttling as well as on-off purposes. One of the most widely used valves across industries, Butterfly Valves are compact and very easy to operate. Butterfly Valves offer several advantages like quarter-turn operation, good control capabilities and cost effectiveness. These valves are widely used for Chemicals, Petro-chemicals, Food & various other sectors. The Centric Butterfly Valve comes with rubber lined single piece wafer type body, can fit between pipe flanges as per all the standards. These valves have a rigid and sturdy design suitable for variety of liquids and gases in various sectors like Water, Power, Sewage, Chemical process etc. Also, Butterfly Valves have a low operating torque.

## GENERAL ARRANGEMENT

SIZE	ØA	B	ØD	E	K	J	N
50/2"	91	43	76	140	33.5	35	260
65/2.5"	105	46	90	152	52.1	35	260
80/3"	120	46	106	160	68.5	35	260
100/4"	150	52	132	180	91.7	35	260
125/5"	175	56	160	192	117.3	35	260
150/6"	205	56	187	205	139.7	35	260
200/8"	259	60	240	241	187.6	35	352

SIZE	ØA	B	ØD	E	Sq. F	TOP FLANGE DRILLING			K	ØG	J	KEY SIZE
						BC	NO OF HOLE	HOLE DIA				
350/14"	415	78	388	346	120	125	4	14	328.3	35	51	10 x 10
400/16"	472	102	442	375	120	125	4	14	375.8	35	51	10 X 10
450/18"	525	114	495	406	170	165	4	21	421.4	50	64	10 X 12
500/20"	580	127	548	438	170	165	4	21	472.6	50	64	10 X 12
600/24"	692	154	654	495	Ø210	165	4	21	572.7	63.5	102	15.88 X 15.88

DIMENSIONS FOR KEY WAY

## About IPC Valves and Valve Automation

IPC offers comprehensive range of valve and valve automation solutions that meet all your needs in a reliable and cost effective manner. A long and proven track record in catering to various industrial sectors such as Chemical, Pharma, Oil & Gas, Power and Fertilizers through its solutions is the key strength of IPC.



**INTEGRAL PROCESS CONTROLS INDIA PVT. LTD.**

**Registered Office & Works**

W-55, S Block, MIDC, Bhosari, Pune - 411026, Maharashtra, India.

☎ +91 20 66304580 / 83 ✉ sales.ipc@ipcvalves.com 🌐 www.ipcvalves.com

CIN: U29120PN2010PTC136972

