

DOUBLE OFFSET BUTTERFLY VALVE



FEATURES

- Blow out proof stem
- Double offset Butterfly Valves are reliable, low maintenance shut off and control valves
- An innovative seat design ensures very low operating torque and long seal life
- Improved abrasion resistance even after extensive use
- Light weight, compact and low cost as compared to other type of valves used for control applications
- Actuator flange accommodates all types of valve actuators such as lever, gear operators, electrical actuators and pneumatic actuators
- Stem connections come in either 'Double D' or square pattern for mounting of levers and actuators

SPECIFICATIONS

Codes & Standards

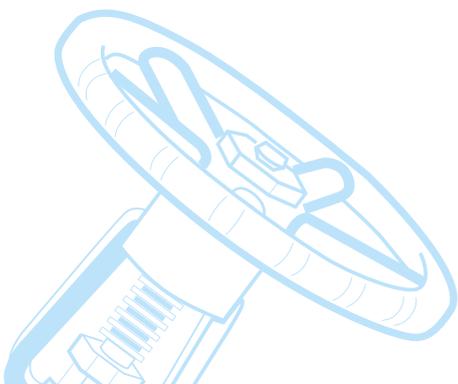
● General design & Mfg.	API 609
● Face to Face dimensions	API 609 / ASME B 16.10
● Actuator Mounting Pad	ISO 5211
● Inspection and testing	API 598 / BS EN 12266 Part 1
● Flange Drilling	ASME B 16.5

Technical Specifications

● Construction type	Double Offset High Performance Butterfly valve
● Body type	Sandwich Between Flanges
● Seat type	Soft seated PTFE / RPTFE
● End connection	Flanged End Raised Face
● Size range	DN 50 to DN 600
● Pressure rating	ASME class 150
● Operating temperature range	-29°C to 200°C
● Seat leakage performance	Bubble tight shut off
● Operation	Hand lever for sizes DN 50 to DN 150 Worm gear box for sizes DN 50 to DN 600 Pneumatic / Electric actuator operation - optional

Standard Material of Construction (MOC)

● Valve Body	WCB / CF8 / CF8M / CF3 / CF3M / DUPLEX SS
● Disc	WCB / CF8 / CF8M / CF3 / CF3M / DUPLEX SS
● Valve Seat	PTFE / RPTFE
● Stem	SS 410 / SS 304 / SS 316 / 17-4PH



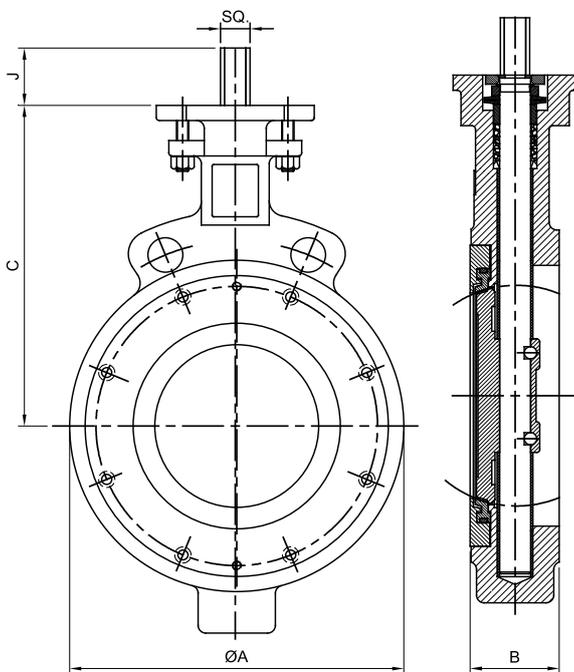


DOUBLE OFFSET BUTTERFLY VALVE

Double offset Butterfly Valves are quarter turn rotary motion valves used for control as well as on-off purposes. One of the most efficient valves which are used across various industries, Double offset Butterfly Valves are compact and very easy to operate. These valves offer several advantages like easy quarter-turn operation, good control capabilities and cost effectiveness as compared to other valves used for control applications. Also, Double Offset Butterfly Valves are known for their low operating torque.

In this type of valves, the disc is positioned off-centred in the valve and designed to increase sealing ability and decrease seat wear. IPC make High performance Double offset Butterfly Valves are best suited to handling water, oil, steam, gas etc. These valves are corrosion resistant, cost effective and light weight.

GENERAL ARRANGEMENT



SIZE	ØA	B	C	TOP FLANGE DRILLING			J	SQUARE (SQ).
				PCD	NO OF HOLE	HOLE DIA		
50/2"	98	45	90	50	4	7	16	9 x 9
65/2.5"	115	48	102	50	4	7	16	11 x 11
80/3"	119	48	120	50	4	7	16	11 x 11
100/4"	159	54	134	50	4	7	16	11 x 11
125/5"	188	57	154	70	4	9	18	14 x 14
150/6"	219	57	170	70	4	9	18	14 x 14
200/8"	272	63	200	70	4	9	20	17 x 17
250/10"	325	72	230	102	4	11	30	27 x 27
300/12"	385	83	270	102	4	11	35	27 x 27
350/14"	435	92	320	125	4	11	35	27 x 27
400/16"	495	102	370	125	4	16	60	36 x 36
450/18"	540	114	390	140	4	16	60	36 x 36
500/20"	595	127	425	165	4	20	60	46 x 46
550/22"	650	140	445	165	4	20	60	46 x 46
600/24"	705	154	475	165	4	20	60	46 x 46

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.



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