

## Double Eccentric Design Offset Disc “Wafer” Type Butterfly Valve

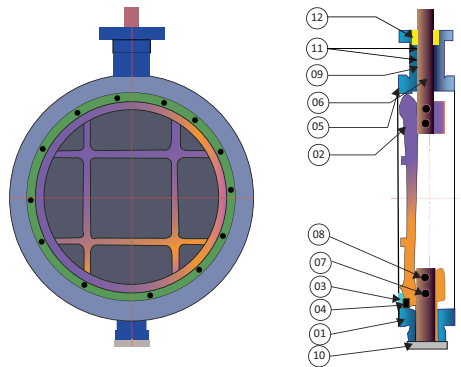
FlowBiz Brand Double Eccentric off-set Disc Wafer type Butterfly Valve offer two different manual operating (Gear/Handle). Our Valves are made with state of the art engineering for multiple ON/OFF operations in bigger pipeline & full flow downstream.

**Size Range :** 2 1/2 inch to 48 inch (65mm to 1200mm)

<b>Design and Manufacturing</b>	: API 609 category “B” / MSS SP - 68
<b>Valve Face to Face Dimensions</b>	: API 609 Category “B” / ISO 5752 / MSS SP -68
<b>Flange Standard Conformity</b>	: ASME B 16.5 Class 150 : ASME B 16.47 Series “A” Class 150
<b>Inspection &amp; Testing</b>	: API 598
<b>Pressure Temperature Rating</b>	: ASME B16.34
<b>Top Flange Dimensions</b>	: Bolt Hole ISO 5211
<b>Stem Dimensions</b>	: Square Drive to ISO 5211
<b>Leakage Class</b>	: Class VI as par ANSI B 16, 16.104



PRESSURE / TEMPERATURE RATING	
PRESSURE RATING	150# (PN 10 / PN 16 / PN 25)
OPERATING TEMPERATURE	NBR : -10° C to + 90° C
	EPDM : - 20° C to + 120° C
	VITON : 0° C to + 220° C
	PTFE : - 25° C to + 180° C
	RPTFE : - 25° C to + 220° C
TFM : - 25° C to + 250° C	



No.	Description	Material	Qty.
1	Body	C.I. / WCB / CF8 / CF8M / D.I	1
2	Disc	C.I. / WCB / CF8 / CF8M / D.I	1
3	Retainer	M.S. / CF8 / CF8M	1
4	Disc Seal Ring	PTFE / RPTFE / NBR / EPDM / Viton	1
5	Body Seal Ring	S.S. 304 / 316	1
6	Shaft	S.S. 304 / 316 / 410	1
7	Stem Shaft	S.S. 304 / 316 / 410	1
8	Disc Pin	S.S. 304 / 316 / 410	4
9	Flange Side Washer	S.S. 304 / 316 / 410	1
10	Stem Square	M.S. / CF8 / CF8M	1
11	Gland Seal Set	PTFE / NBR / EPDM / Viton	5
12	Gland Plate	M.S. / CF8 / CF8M	1

### Dimensions : (All Dimensions are in mm)

Valve Model	Valve Size		L	øD	øE	C
	MM	Inch				
FB-BOD - 100	100	4"	54	158	110	96
FB-BOD - 125	125	5"	56	185.87	120	112
FB-BOD - 150	150	6"	57	216	152	115
FB-BOD - 200	200	8"	64	270	200	141
FB-BOD - 250	250	10"	72	325	255	179
FB-BOD - 300	300	12"	81	373	306	210
FB-BOD - 350	350	14"	92	412	355	234
FB-BOD - 400	400	16"	102	472	400	275
FB-BOD - 450	450	18"	114	532	450	327.5
FB-BOD - 500	500	20"	127	584	505	359
FB-BOD - 600	600	24"	154	692.2	612	409
FB-BOD - 650	650	26"	165	749.3	640	640
FB-BOD - 700	700	28"	165	800.1	705	500
FB-BOD - 750	750	30"	190	857.25	725	571
FB-BOD - 800	800	32"	190	915	810	630
FB-BOD - 850	850	34"	205	965.2	850	655.5
FB-BOD - 900	900	36"	205	1022.35	900	680
FB-BOD - 1000	1000	40"	300	1124	1000	735
FB-BOD - 1200	1200	48"	350	1359	1200	915

