



Double Offset Butterfly Valve



■ Features:

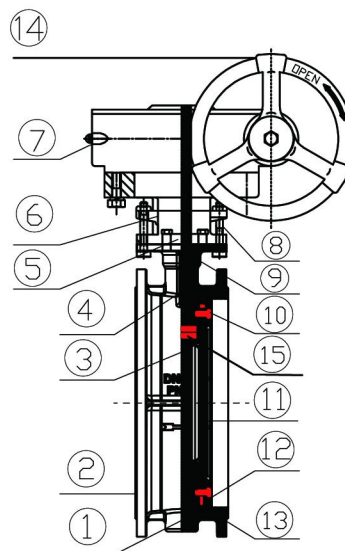
- Eccentric Design
- Flange End
- Rubber Seated
- Actuator: Hand Lever; Worm Gear; Pneumatic/Electric;
- FBE Coated

■ Technical Specification:

- Size: DN80-DN2000
- Design: DIN3202 F4/F16
- Face to face: Series 13/14
- Flange Drilling: EN1092-2 PN10/16
- Mounting pad: ISO5211
- Inspection and Test: API598
- Seat Test: 17.6bar
- Shell Test: 24bar

■ MATERIAL LIST

Item No.	Part Name	Specification
1	Down Shaft Bearing	SS+PTFE lining
2	Body	GGG50
3	Shaft	SS420
4	Up Shaft Bearing	SS+PTFE lining
5	Packing Gland	GGG50
6	Yoke	GGG50
7	Gear Box	Assembly
8	Bolts/Nust	A2-70
9	Shaft O-ring	EPDM/NBR
10	Bolts	A2-70
11	Disc	GGG50
12	Disc Seat Ring Cover	GGG50
13	Disc Seat Ring	EPDM
14	Handwheel	GGG50
15	Taper Pin	A2-70



■ Dimensions (mm)

Nominal Size	Face-to-face (DIN3202)		EN1094 PN10						
	L(F4)	L(F16)	ϕD	ϕD_o	ϕD_1	n- ϕd	t	f	
DN80	180	114	200	160	138	8-19	19	3	
DN100	190	127	220	180	158	8-19	19	3	
DN125	200	140	250	210	188	8-19	19	3	
DN150	210	140	285	240	212	8-23	19	3	
DN200	230	152	340	295	268	8-23	20	3	
DN250	250	165	395	350	320	12-23	22	3	
DN300	270	178	445	400	378	12-23	24.5	4	
DN350	290	190	505	460	438	16-23	24.5	4	
DN400	310	216	565	515	490	16-28	24.5	4	
DN450	330	222	615	565	550	20-28	25.5	4	
DN500	350	229	670	620	610	20-28	26.5	4	
DN600	390	267	780	725	725	20-31	30	5	
DN700	430	292	895	840	793	24-31	32.5	5	
DN800	470	318	1015	950	900	24-34	35	5	
DN900	510	330	1115	1050	1000	28-34	37.5	5	
DN1000	550	410	1230	1160	1116	28-37	40	5	
DN1200	630	470	1455	1380	1330	32-40	45	5	
DN1400	710	530	1675	1590	1535	36-43	46	5	
DN1600	790	600	1915	1820	1760	40-49	49	5	
DN1800	870	670	2115	2020	1960	44-49	52	5	
DN2000	950	760	2325	2230	2170	48-49	55	5	