

## DOUBLE FLANGE BUTTERFLY VALVE (CONCENTRIC TYPE)

### SPECIFICATION

CONCENTRIC TYPE • FLANGED TO BS 4504 PN10 / PN16  
FACE-TO-FACE DIMENSION TO ISO 5752 / BS 5155 (DOUBLE FLANGE SHORT BODY) / BS EN593 / EN558-1 BASIC SERIES 13 (DOUBLE FLANGE SHORT BODY) / API 609  
LEVER / WORM GEAR OPERATOR

### PRESSURE / TEMPERATURE RATINGS

Working Pressure	16 bar
Testing Pressure	Shell : 24 bar Seat : 17.6 bar
Working Temperature	-20°C to 110°C (EPDM Seat) -10°C to 80°C (NBR Seat)
Suitable Media	Water, Oil & Gas

### MATERIALS

Part	Material	BS
Body	Ductile Iron	2789 Gr. 500/7, 420/12
Disc	Ductile Iron	2789 Gr. 500/7, 420/12
	Aluminum Bronze	1400 AB2
	Stainless Steel 304	304 C15
	Stainless Steel 316	316 C16
Seat Ring	EPDM	
	NBR	
	Viton	
Shaft	Stainless Steel 410	410 S21
	Stainless Steel 431	431 S29
	Stainless Steel 316	316 S16
Taper Pins	Stainless Steel 316	316 S16
Key	Carbon Steel	
O-Ring	NBR	
Bushing	Luberized Bronze	

### DIMENSIONS

Size mm	A mm	B mm	C mm	H mm	L mm	L1 mm	L2 mm	L3 mm	G mm	Cv 90°
50	110	80	108	304	226	173	173	45	150	135
65	134	80	112	338	226	173	173	45	150	220
80	131	95	114	342	226	173	173	45	150	302
100	150	114	127	371	226	173	173	45	150	600
125	170	114	140	406	226	173	173	45	150	1022
150	180	139	140	434	226	173	173	45	150	1579
200	210	175	152	573	313	239	300	63	285	3136
250	246	203	165	641	313	239	300	63	285	5340
300	276	242	178	695	307	226	312	80	285	8250
350	328	256	190	777	307	226	312	80	285	11917

**BFV-DCB**

**PN16**

DN50~350

