

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

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
Taper Pins	Stainless Steel 316	316 S16
Key	Carbon Steel	
O-Ring	NBR	
Bushing	Luberized Bronze	

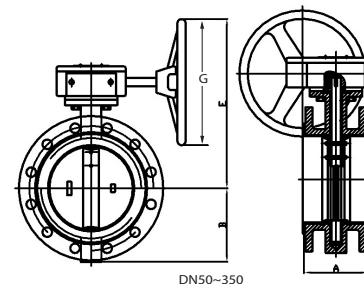
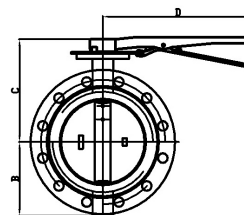
DIMENSIONS

Size mm	A mm	B mm	C mm	D mm	E mm	G mm	Cv 90°
50	108	80	142	267	223	150	135
65	112	80	166	267	247	150	220
80	114	95	163	267	244	150	302
100	127	114	182	267	263	150	600
125	140	113	202	267	283	150	1022
150	140	139	212	267	293	150	1579
200	152	175	245	358	398	300	3136
250	165	203	280.5	358	433.5	300	5340
300	178	242	311	358	465	300	8250
350	190	272	-	-	516	300	11917
400	216	333	-	-	624	390	16388
450	222	364	-	-	655	390	21705
500	229	389	-	-	697	390	27908
600	267	464	-	-	772	390	43116

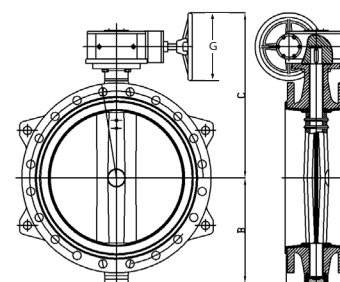
BFV-DCB

PN16

DN50~600



DN50~350



DN400~600