

B10WC-WBU B10WD-WBU

PN10

DN700~1000

SPECIFICATION

FOR BS 4504 PN16 FLANGE MOUNTING

FACE-TO-FACE DIMENSION TO ISO 5752 / BS 5155 / BS EN 593

WORM GEAR OPERATOR

PRESSURE / TEMPERATURE RATINGS

Working Pressure	10 bar
Testing Pressure	Shell : 15 bar Seat : 11 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	Cast Iron	Gr. 220
	Ductile Iron	Gr. 420/12
Disc	Ductile Iron	Gr. 420/12
	Aluminum Bronze	1400 AB2
	Stainless Steel 304	304 C15
	Stainless Steel 316	316 C16
Seat Ring	EPDM	
	NBR	
	PTFE	
	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 (DN700~1000)	

DIMENSIONS

Size mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	Cv 90°
700	165	625	1011	173	457	173	358	424	49500
800	190	607	1046	173	457	173	358	424	68250
900	205	655	1196	201	480	203	409	424	86375
1000	218	1275	1275	201	480	203	409	424	119750

Note:

- Design and specifications are subject to change without prior notice.
- Other specifications and flange standards are available upon request.
- Actuator mounting flange conforms to ISO 5211 drilling.
- The butterfly valve can be supplied with electric or pneumatic actuator.

