

B16WC-DCH PN16

DN50~600

B10WC-DCH PN10

DN700~800



SPECIFICATION

FOR BS 4504 PN10 / PN16 FLANGE MOUNTING

FACE-TO-FACE DIMENSION TO ISO 5752-82

PRESSURE / TEMPERATURE RATINGS

Working Pressure	16 bar (DN50~600) 10 bar (DN700~800)
Testing Pressure	Shell : 24 bar (DN50~600) 15 bar (DN700~800) Seat : 17.6 bar (DN50~600) 11 bar (DN700~800)
Working Temperature	-10 °C to 120 °C (EPDM Seat) -10 °C to 80 °C (NBR Seat)
Suitable Media	Water, Oil & Gas

MATERIALS

Part	Material	BS
Body	Cast Iron	Gr. 220
Disc	Ductile Iron Aluminum Bronze Stainless Steel 304 Stainless Steel 316	Gr. 420/12 1400 AB2 304 C15 316 C16
Spring	Stainless Steel 316	316 S16
Shaft	Stainless Steel 316	316 S16
Seat	EPDM NBR	

DIMENSIONS

Size mm	A mm	B mm	C mm	D mm	Size mm	A mm	B mm	C mm	D mm
50	43	106	29	19	300	114	382	149	43
65	46	126	36	20	350	127	442	173	45
80	64	141	42	28	400	140	494	198	52
100	64	161	53	27	450	152	554	218	58
125	70	191	64	30	500	152	616	241	58
150	76	217	77	31	600	178	733	296	73
200	89	272	102	33	700	229	800	354	98
250	114	327	127	50	800	241	930	404	100

* B = Outside diameter for PN16 (DN50~600) & PN10 (DN700~800) flange mounting.

Note:

- Other specifications and flange standards are available upon request.
- Design and specifications are subject to change without prior notice.

