

## CAST IRON DUAL DOOR CHECK VALVE

### 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	Gr. 420/12
	Aluminum Bronze	1400 AB2
	Stainless Steel 304	304 C15
	Stainless Steel 316	316 C16
Spring	Stainless Steel 316	316 S16
Shaft	Stainless Steel 316	316 S16
Seat	EPDM	
	NBR	

Ductile Iron body available upon request.

### 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:

1. JIS B2239 10K and other flange standards available upon request.
2. If used for gas application, please contact our sales office.
3. Design and specifications are subject to change without prior notice.

### CDCV-WB

**PN16**

DN50~600

**PN10**

DN700~800

