

CAST IRON DUAL DOOR CHECK VALVE

SPECIFICATION

FOR ANSI CLASS 100 / CLASS 125 FLANGE MOUNTING
FACE-TO-FACE DIMENSION TO ISO 5752-82

PRESSURE / TEMPERATURE RATINGS

Working Pressure	200 psi (2"~24") 150 psi (28"~32")
Testing Pressure	Shell : 350 psi (2"~24") 225 psi (28"~32") Seat : 220 psi (2"~24") 165 psi (28"~32")
Working Temperature	14°F to 248°F (EPDM Seat) 14°F to 176°F (NBR Seat)
Suitable Media	Water, Oil & Gas

MATERIALS

Part	Material	ASTM
Body	Cast Iron	A126 Class B
Disc	Ductile Iron Aluminum Bronze Stainless Steel 304 Stainless Steel 316	A536 Gr. 65-45-12 B148-97 C95400 A351 CF-8 A351 CF-8M
Spring	Stainless Steel 316	S31600
Shaft	Stainless Steel 316	S31600
Seat	EPDM NBR	

Ductile Iron body available upon request.

DIMENSIONS

Size inch	A inch	B inch	C inch	D inch	Size inch	A inch	B inch	C inch	D inch
2	1.7	4.1	1.1	0.8	12	4.5	16.1	5.9	1.7
2-1/2	1.8	4.8	1.4	0.8	14	5	17.7	6.8	1.8
3	2.5	5.3	1.7	1.1	16	5.5	20.4	7.8	2.1
4	2.5	6.8	2.1	1.1	18	6	21.5	8.6	2.3
5	2.8	7.6	2.5	1.2	20	6	23.8	9.5	2.3
6	3	8.7	3	1.2	24	7	28.1	11.7	2.9
8	3.5	10.9	4	1.3	28	9	31.5	14	3.6
10	4.5	13.3	5	2	32	9.5	36.6	16	4

*B = Outside diameter for ANSI class 125(2"~24") & ANSI class 100(28"~32") flange mounting.

Note:

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

CDCV-WA

Class 125

2"~24"

Class 100

28"~32"

