

CAST IRON DUAL DOOR CHECK VALVE

SPECIFICATION

FOR ANSI 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	A536 Gr. 65-45-12
	Aluminum Bronze	B148-97 C95400
	Stainless Steel 304	A351 CF-8
	Stainless Steel 316	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:

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

CDCV-WA

Class 125
2"~32"

