

### A125WC-DCH Class 125

2"~24"

### A100WC-DCH Class 100

28"~32"



#### 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	

#### 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:

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

