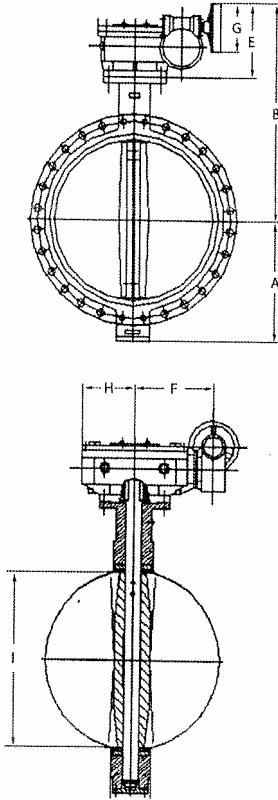


### A100FC-UBU A100FD-UBU

### Class 100

28"~48"



#### SPECIFICATION

UNIVERSAL TYPE · FLANGED TO ANSI CLASS 100  
CONFORMS TO MSS SP-67-1995 / API 609-91  
DOUBLE-STAGE WORM GEAR OPERATOR

#### PRESSURE / TEMPERATURE RATINGS

Working Pressure	150 psi
Testing Pressure	Shell : 262 psi Seat : 165 psi
Working Temperature	-4 °F to 230 °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
	Ductile Iron	A536 Gr. 65-45-12
Disc	Ductile Iron	A536 Gr. 65-45-12
	Aluminum Bronze	B 148-97 C95400
	Stainless Steel 304	A351 CF-8
	Stainless Steel 316	A351 CF-8M
Seat Ring	EPDM / NBR / Viton	
Shaft	Stainless Steel 410	S41000
	Stainless Steel 431	S43100
	Stainless Steel 316	S31600
Taper Pins	Stainless Steel 316	S31600
Key	Carbon Steel	
O-Ring	NBR	
Bushing	Luberized Bronze	

#### DIMENSIONS

Size inch	A inch	B inch	C inch	D inch	E inch	F inch	G inch	H inch	I inch	L inch	Cv 90°
28	24.6	35.5	14.1	6.8	15.0	9.6	17.1	6.8	26.6	6.5	49500
30	22.0	41.0	14.1	6.8	15.0	9.6	17.1	6.8	28.5	6.6	73426
32	23.9	41.3	14.1	6.8	15.0	9.6	17.1	6.8	30.4	7.5	78250
36	25.8	47.1	16.1	7.9	18.7	10.9	17.1	7.9	33.1	8.0	87500
40	31.5	47.1	16.1	7.9	18.7	10.9	17.1	7.9	37.0	8.6	119750
42	30.6	52.5	16.1	7.9	18.7	10.9	17.1	7.9	39.3	9.9	121000
48	34.0	57.8	20.0	8.4	20.8	18.0	17.1	12.2	44.3	10.9	154000

#### Note:

1. Design and specifications are subject to change without prior notice.
2. Other specifications and flange standards are available upon request.
3. Actuator mounting flange conforms to ISO 5211 drilling.
4. The butterfly valve can be supplied with electric or pneumatic actuator.