

1041 Series Flanged Butterfly Valve

SPECIFICATIONS

- VALVE COMPLIES WITH AWWA C504
- RUBBER LINED – MOLDED AND VULCANIZED TO BODY
- ACTUATOR-READY WITH TOP-FLANGE IN ACCORDANCE WITH ISO5211-1
- HANDLE OR GEARBOX OPERATED
- ANSI B16.1 CLASS125 (ANSI B16.2 CLASS250 AVAILABLE UPON REQUEST)
- OPEN LEFT (OPEN RIGHT UPON REQUEST)

WORKING PRESSURE

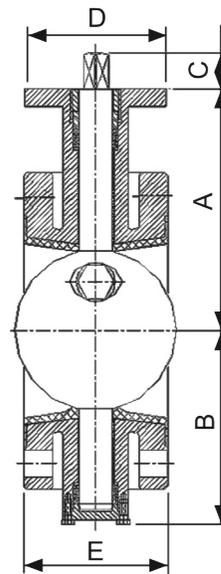
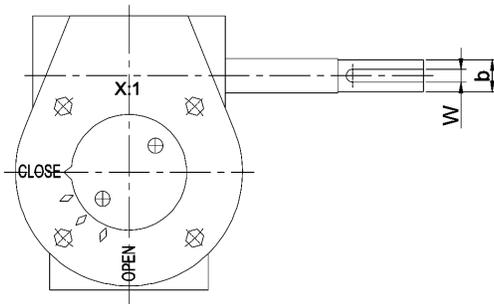
- 200 PSI FOR ANSI B16.1 CLASS125 FLANGE

WORKING TEMPERATURE

- 14°F TO 248°F FOR EPDM LINER

CORROSION PROTECTION

- INTERNALLY AND EXTERNALLY LIQUID EPOXY PAINTED OR FUSION BONDED EPOXY POWDER COATED (FBE)



GEARBOX DIMENSIONS		(INCH)				
SIZE	3"-4"	6"-10"	12"-14"	16"-18"	20"-24"	
b	Φ0.59	Φ0.71	Φ0.71	Φ0.87	Φ0.87	
w	0.2	0.24	0.24	0.24	0.24	
RATIO	24:1	30:1	50:1	80:1	70:1	

COMPONENTS		
PART NAME	MATERIAL	ASTM SPEC.
BODY	DUCTILE IRON	ASTM A536 65-45-12
SEAT	EPDM	COMMERCIAL
DISC	DI WITH SS316 EDGE	ASTM A536 65-45-12
SHAFT	STAINLESS STEEL	AISI 420
V-PACKING	EPDM	COMMERCIAL
COVER PLATE	DUCTILE IRON	ASTM A536 65-45-12

VALVE DIMENSIONS											(INCH)
SIZE	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"
A	6 5/16	7 1/16	8 3/8	9 5/8	10 15/16	12 1/2	14 1/16	16 1/16	17 1/4	18 9/16	22 9/16
B	3 11/16	5 1/2	6 13/16	8	9 5/16	10 13/16	12 1/8	12 3/8	13	14 5/16	16 3/4
C	1 3/16	1 3/16	1 3/16	1 3/16	1 3/16	1 3/16	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4
D	3 9/16	3 9/16	4 15/16	4 15/16	4 15/16	5 15/16	5 15/16	8 5/16	8 5/16	8 5/16	8 5/16
E – ANSI 125# FL.	5	5	5	6	8	8	8	8	8	8	8
E – ANSI 150# FL.	5	5	5	6	8	8	8	8	8	8	8
TOP FLANGE	F07	F07	F10	F10	F10	F12	F12	F16	F16	F16	F16
WEIGHT (LB)	92.59	132.28	165.35	180.78	220.46	374.79	451.95	551.16	696.66	1005.31	1373.48

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