

# 200 PSI Flanged End Butterfly Valves

Polyamide Coated Cast Iron Body • Extended Neck • Cold Form Stem Drive •  
Elastomer Encapsulated Disc • Flanged Ends • Max. Temp. 200°F •  
ANSI B16.10 Face-to-face dimensions

Patent Pending

Sizes 2" through 12"

CONFORMS TO MSS-SP67 • MSS-SP25

## MATERIAL LIST

PART	SPECIFICATION
1. Upper Stem	Stainless Steel, ASTM A 582 Type 416
2. Upper Bushing	PTFE over Porous Bronze, Steel Backed
3. O-Ring	EPDM or BUNA-N
4. Body	Cast Iron ASTM A-126 Class B with Polyamide Coating
5. Disc	Ductile Iron ASTM A 395 with EPDM or BUNA-N Encapsulation
6. Lower Bushing	PTFE over Porous Bronze, Steel Backed
7. Lower Stem	Stainless Steel, ASTM A 582 Type 416
8. Dust Plug	PVC
9. Nameplate	Aluminum

Class 125 flange ends

Polyamide coating has NSF certification

## DIMENSIONS — WEIGHTS

Size		A	B	C	D	E	F	G	J
In.	mm.								
2	50	2.11	6.0	0.62	5.69	3.16	6.94	7.00	0.437
2½	65	2.59	7.0	0.69	5.78	3.25	7.03	7.50	0.437
3	80	3.07	7.5	0.75	5.99	3.54	7.24	8.00	0.437
4	100	4.03	9.0	0.94	6.99	4.35	8.24	9.00	0.437
5	125	5.05	10.0	0.94	7.47	4.85	8.72	10.00	0.437
6	150	6.07	11.0	1.00	8.28	5.94	9.53	10.50	0.437
8	200	7.98	13.5	1.12	9.25	6.87	10.50	11.50	0.437
10	250	10.02	16.0	1.19	11.03	9.18	12.28	13.00	0.562
12	300	12.00	19.0	1.25	12.01	10.16	13.26	14.00	0.562

Size		Weight								
In.	mm.	K	L	M	N	P	Q	R	Lbs.	Kg.
2	50	3.25	3.25	0.50	0.37	0.75	4.75	4	16.5	7.5
2½	65	3.25	3.25	0.50	0.37	0.75	5.50	4	24	10.9
3	80	3.25	3.25	0.50	0.37	0.75	6.00	4	28	12.7
4	100	3.25	3.25	0.66	0.50	0.75	7.50	8	44	20.0
5	125	3.25	3.25	0.66	0.50	0.88	8.50	8	53	24.1
6	150	3.25	3.25	0.78	0.56	0.88	9.50	8	65	30.0
8	200	3.25	3.25	0.78	0.56	0.88	11.75	8	94	42.7
10	250	5.00	4.75	1.06	0.75	1.00	14.25	12	155	70.4
12	300	5.00	4.75	1.06	0.75	1.00	17.00	12	214	97.6

NOT RECOMMENDED  
FOR STEAM SERVICE



**FC-27\*5-0**

\*Optional disc  
EPDM (6)  
or BUNA (7)

