

# 200 PSI Butterfly Valves

Cast Iron Body • Extended Neck  
Cartridge Seat Liner • Wafer Style

**Sizes 2" through 12"**

Install between Std. ASME Class 125/150 Flanges

DESIGNED TO MEET MSS SP-67 STANDARD

## MATERIAL LIST

PART	SPECIFICATION
1. Body	Cast Iron, Epoxy coated ASTM A126 CL.B
2. Body Bushing	Bronze ASTM B584 Grade C83600
3. Liner	EPDM Rubber w/Phenolic Backing Buna-N Rubber Nitrile w/Phenolic Backing
4. Stem	Stainless Steel ASTM A582 Type 416
5. Disc	Alum. Brz. ASTM B148 Alloy C95400 Ductile Iron ASTM A536 Grade 65-45-12 (plated)
6. Taper Pin (2 pin 6" - 12")	Stainless Steel ASTM A582 Type 416
7. Name Plate	Aluminum
8. Shaft Bushing	Bronze ASTM B584 Grade C83600
9. Stem Seal	Buna-N Rubber Nitrile

## DIMENSIONS — WEIGHTS

Size	A	Min.	B	C	E	F	G	H	I	
In. mm. Dia. Pipe I.D. Dia. Dia. D		Dia.					Body	Seat	Dia.	
2 50	2.08	1.38	3.00	3.94	6.34	1.26	10.75	1.655	1.81	0.496
2½ 65	2.54	1.95	3.50	4.72	6.89	1.26	11.65	1.759	1.93	0.496
3 80	3.10	2.66	4.09	5.00	7.13	1.26	12.12	1.780	1.93	0.496
4 100	4.10	3.67	5.32	6.14	7.87	1.26	13.62	2.050	2.18	0.621
5 125	4.85	4.48	6.26	7.48	8.39	1.26	14.65	2.140	2.31	0.745
6 150	6.12	5.84	7.42	8.35	8.90	1.26	15.62	2.195	2.33	0.745
8 200	7.97	7.85	9.38	10.55	10.24	1.77	18.90	2.385	2.52	0.870
10 250	9.86	9.76	11.51	12.79	11.50	1.77	21.26	2.584	2.83	1.120
12 300	11.87	11.72	13.55	15.87	13.27	1.77	24.57	3.029	3.19	1.244

Size	J	B.C.	L	M	R	P	Q	T	Lug Weight
In. mm. Dia. Dia. Dia. Dia. Dia. P Dia. Flats Lbs. Kg.									
2 50	3.00	2.25	0.28	0.75	4.75	4	5/8-11UNC	.350	5.7 2.6
2½ 65	3.03	2.25	0.28	0.75	5.50	4	5/8-11UNC	.350	7.5 3.9
3 80	3.03	2.25	0.28	0.75	6.00	4	5/8-11UNC	.350	8.4 3.8
4 100	3.62	2.75	0.39	0.75	7.50	8	5/8-11UNC	.437	12.3 5.6
5 125	3.62	2.75	0.39	0.88	8.50	8	3/4-10UNC	.500	17.2 7.8
6 150	3.62	2.75	0.39	0.88	9.50	8	3/4-10UNC	.500	19.6 8.9
8 200	4.50	3.50	0.47	0.88	11.75	8	3/4-10UNC	.625	29.7 13.5
10 250	4.50	3.50	0.47	1.00	14.25	12	7/8-9UNC	.812	44.0 20.0
12 300	5.50	4.25	0.47	1.00	17.00	12	7/8-9UNC	.875	65.8 29.9

NOT RECOMMENDED  
FOR STEAM SERVICE

**N200135**  
Wafer Style  
EPDM Liner  
Aluminum Bronze Disc

**N200136**  
Wafer Style  
EPDM Liner  
Ductile Iron Disc

**N200145**  
Wafer Style  
Buna Liner  
Aluminum Bronze Disc

**N200146**  
Wafer Style  
Buna Liner  
Ductile Iron Disc

