

250 PSI Butterfly Valves

Ductile Iron Body • Extended Neck • Geometric Drive
Molded-in Seat Liner • Lug and Wafer Style

Sizes 2" through 12"

Install between Std. ASME Class 125/150 Flanges
Lug Style 250 PSI bi-directional dead end service rating without a downstream flange required.

DESIGNED TO MEET MSS SP-67 STANDARD
U.S. COAST GUARD "CATEGORY A"

MATERIAL LIST

PART	SPECIFICATION
1. Stem	Stainless Steel ASTM A582 Type 416
2. Collar Bushing	Brass ASTM B16
3. Stem Seal	Buna-N Rubber
4. Body Seal	Buna-N Rubber
5. Nameplate	Aluminum
6. Upper Bushing	Copper CDA 122
7. Liner	Buna-N Rubber
8. Disc	Ductile Iron ASTM A395 (Plated)
9. Lower Bushing	Copper CDA 122
10. Body Wafer	Ductile Iron ASTM A536
11. Body Lug	Ductile Iron ASTM A536

DIMENSIONS — WEIGHTS

Size								G	Metal	Rubber	J	N
In.	mm.	A	B	C	D	E	F	Flat	H	I	Square	Dia.
2	50	2.53	4.00	1.25	5.38	2.88	.38	.312	1.688	1.812	3.25	.500
2½	65	2.90	4.69	1.25	5.88	3.27	.38	.370	1.812	1.938	3.25	.562
3	80	3.15	5.12	1.25	6.12	3.40	.38	.370	1.812	1.938	3.25	.562
4	100	4.09	6.12	1.25	6.88	4.00	.38	.403	2.062	2.188	3.25	.625
5	125	5.13	7.25	1.25	7.38	4.75	.38	.496	2.188	2.312	3.25	.750
6	150	6.13	8.25	1.25	8.00	5.29	.38	.496	2.188	2.312	3.25	.750
8	200	8.13	10.41	1.25	9.25	6.50	.50	.560	2.375	2.500	3.25	.875
10	250	10.13	12.52	1.25	10.50	8.00	.50	.686	2.688	2.812	4.75	1.125
12	300	12.13	15.00	1.25	12.00	9.25	.50	.748	3.000	3.125	4.75	1.250

Capscrew/Stud Data

Size		O	P	R	K	L	Wafer	Lug	M	Lug Weight		Wafer Weight	
In.	mm.	B.C.	Dia.	Dia.	No.	Dia.	Length	Length	B.C.	Lbs.	Kg.	Lbs.	Kg.
2	50	3.25	.437	.437	4	5/16-11unc	Refer to butterfly valve technical information for bolt lengths		4¾	7	3.2	5.5	2.5
2½	65	3.25	.437	.500	4	5/16-11unc			5½	9	4.1	7.5	3.4
3	80	3.25	.437	.500	4	5/16-11unc			6	9.5	4.3	8	3.6
4	100	3.25	.437	.562	8	5/8-11unc			7½	15	6.8	11	5.0
5	125	3.25	.437	.656	8	¾-10unc			8½	21	9.5	15	6.8
6	150	3.25	.437	.656	8	¾-10unc			9½	24	10.9	18	8.2
8	200	3.25	.437	.781	8	¾-10unc			11¾	34	15.4	28	12.7
10	250	5.00	.562	1.000	12	7/8-9unc			14¼	62	28.1	45.5	20.7
12	300	5.00	.562	1.062	12	7/8-9unc			17	90	40.9	70	31.8

For actuated service where a lower torque is required use NIBCO Fig. No. WDLXXX-0 or LDLXXX-0 series, sizes 2" thru 12" only. Maximum pressure rating of 100 PSI for wet application and 50 PSI for dry application

NOT RECOMMENDED
FOR STEAM SERVICE



WD 3110
Wafer Style
Buna-N Liner
and Ductile Disc

LD 3110
Lug Style
Buna-N Liner
and Ductile Disc

