

250 PSI Butterfly Valves

Ductile Iron Body • Extended Neck • Geometric Drive • 316 S.S. Trim
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.

CONFORMS TO MSS SP-67
U.S. Coast Guard "Category A"

MATERIAL LIST

PART	SPECIFICATION
1. Stem	Stainless Steel ASTM A564 Type 17-4PH
2. Collar Bushing	Stainless Steel ASTM A276 Type 316
3. Stem Seal	Options: See Below*
4. Body Seal	Options: See Below*
5. Nameplate	Aluminum
6. Upper Bushing	Stainless Steel ASTM A276 Type 316
7. Liner	Options: See Below*
8. Disc	Stainless Steel ASTM A743 Grade CF8M
9. Lower Bushing	Stainless Steel ASTM A276 Type 316
10. Body Wafer	Ductile Iron ASTM A536
11. Body Lug	Ductile Iron ASTM A536

*Optional Liners/Seals: 0 - EPDM 1 - Buna-N (Nitrile) 2 - Fluoroelastomer

DIMENSIONS — WEIGHTS

Size									Metal		Rubber		J		N	
In.	mm.	A	B	C	D	E	F	G 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

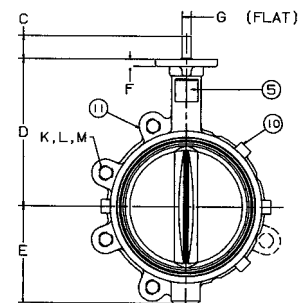
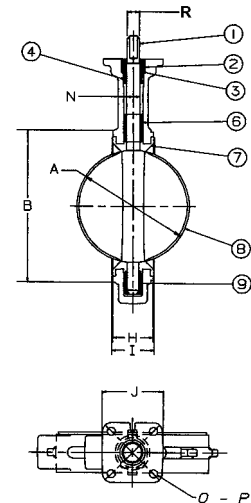
Size	O	P	R	K	L	Wafer	Lug	M	Lug Weight		Wafer Weight	
In. mm.	B.C.	Dia.	Dia.	No.	Dia.	Length	Length	B.C.	Lbs.	Kg.	Lbs.	Kg.
2 50	3.25	.437	.437	4	5/8-11unc	Refer to butterfly valve technical information for bolt lengths		4¾	7	3.2	5.5	2.5
2½ 65	3.25	.437	.500	4	5/8-11unc			5½	9	4.1	7.5	3.4
3 80	3.25	.437	.500	4	5/8-11unc			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



WD 3*22
Wafer Style
Optional Liner
and CF8M Disc

LD 3*22
Lug Style
Optional Liner
and CF8M Disc



NOT RECOMMENDED
FOR STEAM SERVICE