

## 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.

THIRD PARTY CERTIFIED BY QAI TO MEET MSS SP-67 STANDARD •  
U.S. COAST GUARD "CATEGORY A" • CERTIFIED LEAD-FREE\* BY  
TRUESDAIL LABS TO ANSI 372

### MATERIAL LIST

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

### DIMENSIONS — WEIGHTS

| Size  |     | A     | B     | C    | D     | E    | F   | G    | Metal | Rubber | J      | N     |
|-------|-----|-------|-------|------|-------|------|-----|------|-------|--------|--------|-------|
| In.   | Mm. |       |       |      |       |      |     | 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  |
| 2 1/2 | 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 |        | 4 3/4  | 7          | 3.2  | 5.5          | 2.5  |
| 2 1/2 | 65  | 3.25 | .437 | .500  | 4   | 5/8-11unc |                                                                 |        | 5 1/2  | 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 |                                                                 |        | 7 1/2  | 15         | 6.8  | 11           | 5.0  |
| 5     | 125 | 3.25 | .437 | .656  | 8   | 3/4-10unc |                                                                 |        | 8 1/2  | 21         | 9.5  | 15           | 6.8  |
| 6     | 150 | 3.25 | .437 | .656  | 8   | 3/4-10unc |                                                                 |        | 9 1/2  | 24         | 10.9 | 18           | 8.2  |
| 8     | 200 | 3.25 | .437 | .781  | 8   | 3/4-10unc |                                                                 |        | 11 3/4 | 34         | 15.4 | 28           | 12.7 |
| 10    | 250 | 5.00 | .562 | 1.000 | 12  | 7/8-9unc  |                                                                 |        | 14 1/4 | 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

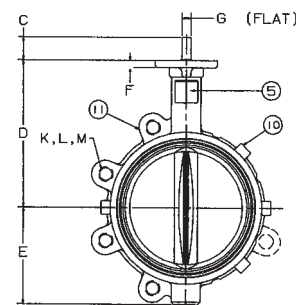
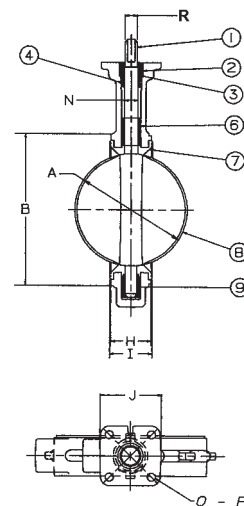
\*Weighted average lead content ≤ 0.25%



**WD-3010**  
Wafer Style  
EPDM Liner  
and Ductile Disc



**LD-3010**  
Lug Style  
EPDM Liner  
and Ductile Disc



NOT RECOMMENDED  
FOR STEAM SERVICE

Visit our website for the most current information.