

# 200 PSI Butterfly Valves

Cast 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 200 PSI bi-directional dead end service rating without a downstream flange required.

DESIGNED TO MEET MSS SP-67 STANDARD  
US COAST GUARD "CATEGORY A"

### MATERIAL LIST

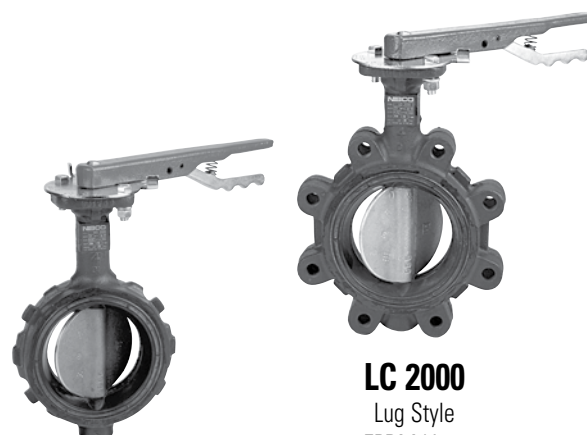
| PART              | SPECIFICATION                      |
|-------------------|------------------------------------|
| 1. Stem           | Stainless Steel ASTM A582 Type 416 |
| 2. Collar Bushing | Brass ASTM B16                     |
| 3. Stem Seal      | EPDM Rubber                        |
| 4. Body Seal      | EPDM Rubber                        |
| 5. Nameplate      | Aluminum                           |
| 6. Upper Bushing  | Copper CDA 122                     |
| 7. Liner          | EPDM Rubber                        |
| 8. Disc           | Alum. Brz. ASTM B148 Alloy 955     |
| 9. Lower Bushing  | Copper CDA 122                     |
| 10. Body Wafer    | Cast Iron A126 Class B             |
| 11. Body Lug      | Cast Iron A126 Class B             |

### DIMENSIONS — WEIGHTS

| Size | In. mm. | A     | B     | C    | D     | E    | F   | G Flat | Metal H | Rubber I | J Square | N 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 Length                                                    | Lug Length | M    | Lug Weight | Wafer Weight |  |
| In. mm.            | B.C. | Dia. | Dia. | No.   | Dia.        |                                                                 |            | 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      |  |

†NOTE: LUG STYLE VALVES - Extra care should be used when installing with raised face flanges.  
Over-tightening can result in broken lugs.

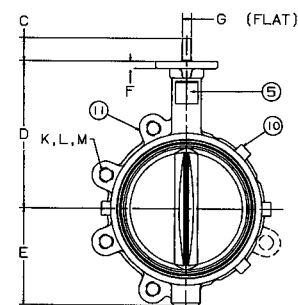
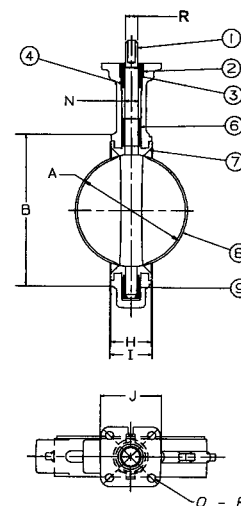


### WC 2000

Wafer Style  
EPDM Liner  
and Aluminum  
Bronze Disc

### LC 2000

Lug Style  
EPDM Liner  
and Aluminum  
Bronze Disc



NOT RECOMMENDED  
FOR STEAM SERVICE