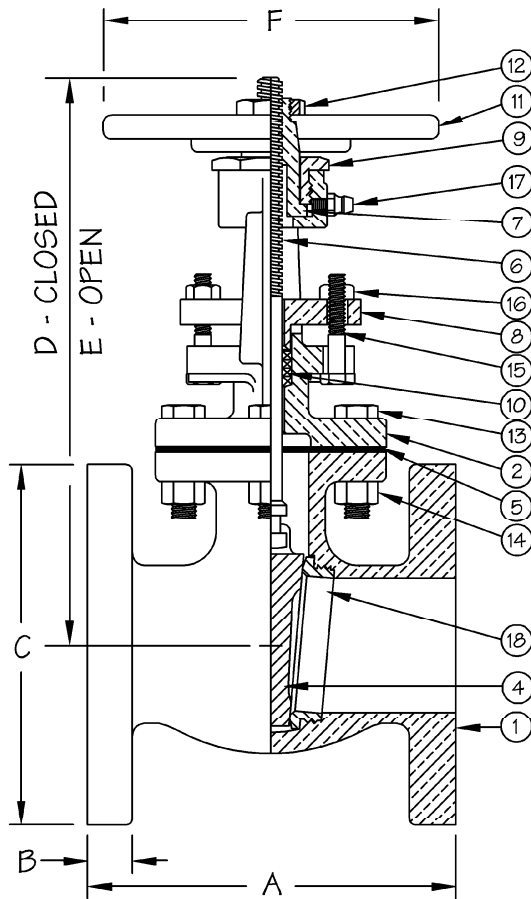


BRONZE GATE

300 PSI, 1-1/2" - 4"
FLANGED END, B.B., OS&Y
BRONZE TRIM

FIGURE NO. B302A



BILL OF MATERIALS

| PART | MATERIAL | SPEC. |
|-------------------|------------------|------------------------|
| 1 BODY | BRONZE | ASTM B61 |
| 2 BONNET | BRONZE | ASTM B61 |
| 4 WEDGE | BRONZE | ASTM B61 |
| 5 BONNET GASKET | SYNTHETIC RUBBER | MIL-PRF-1149, CL. 2 |
| 6 STEM | MANGANESE BRONZE | ASTM B138, ALLOY C675 |
| 7 OPERATING NUT | MANGANESE BRONZE | ASTM B584, ALLOY 86500 |
| 8 PACKING GLAND | BRONZE | ASTM B61 |
| 9 RETAINER NUT | BRONZE | ASTM B61 |
| 10 STEM PACKING | SYNTHETIC TEFLON | COMMERCIAL |
| 11 HANDWHEEL | ALUMINUM | COMMERCIAL |
| 12 WHEELNUT | F.C. BRASS | ASTM B16 |
| 13 BONNET BOLT | SILICON BRONZE | ASTM B98 |
| 14 BONNET NUT | SILICON BRONZE | ASTM B98 |
| 15 GLAND BOLT | SILICON BRONZE | ASTM B98 |
| 16 GLAND NUT | SILICON BRONZE | ASTM B98 |
| 17 GREASE FITTING | STEEL | MIL-F-3541 |
| 18 SEAT RING | BRONZE | ASTM B61 |

DIMENSIONS

| SIZE | 1-1/2 | 2 | 2-1/2 | 3 | 3-1/2 | 4 |
|------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| A | 6 | 7 ³ / ₄ | 8 | 8 ¹ / ₂ | 9 | 9 ¹ / ₂ |
| B | 11 16 | 3 4 | 13 16 | 29 32 | 31 32 | 1 16 |
| C | 6 ¹ / ₈ | 6 ¹ / ₂ | 7 ¹ / ₂ | 8 ¹ / ₄ | 9 | 10 |
| D | 11 ¹ / ₄ | 11 ⁵ / ₈ | 12 ⁷ / ₈ | 14 ³ / ₈ | 15 ³ / ₄ | 18 |
| E | 13 ¹ / ₂ | 13 ⁷ / ₈ | 15 ³ / ₄ | 17 ³ / ₄ | 19 ⁵ / ₈ | 22 ³ / ₈ |
| F | 8 | 8 | 9 | 10 | 10 | 10 |
| WT | 23 | 28 | 41 | 64 | 83 | 100 |

