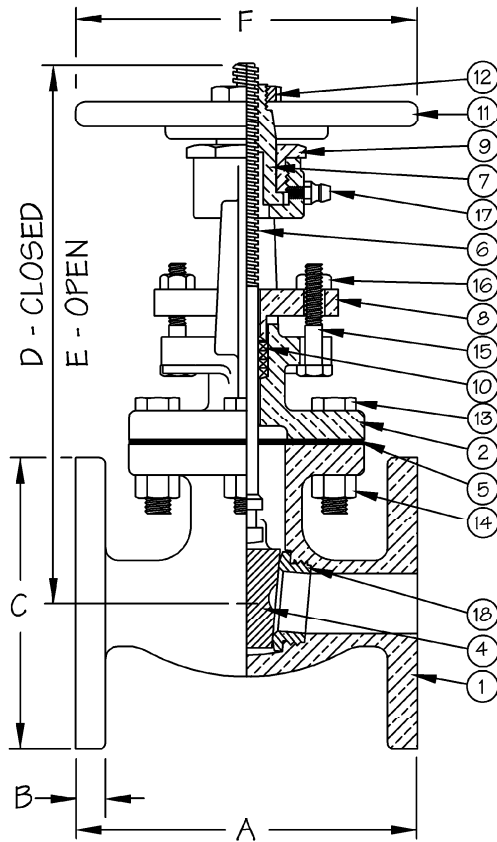


ALUMINUM BRONZE GATE

150 PSI, 3/4" - 4"
FLANGED END, B.B., OS&Y
MONEL TRIM

FIGURE NO. AB102E



BILL OF MATERIALS

| PART | MATERIAL | SPEC. |
|-------------------|------------------|------------------------|
| 1 BODY | ALUMINUM BRONZE | ASTM B148, 955/958 |
| 2 BONNET | ALUMINUM BRONZE | ASTM B148, 955/958 |
| 4 WEDGE | NI-CU ALLOY | ASTM A494, GR. M30C |
| 5 BONNET GASKET | SYNTHETIC RUBBER | MIL-PRF-1149, CL. 2 |
| 6 STEM | NI-CU ALLOY | QQ-N-281 |
| 7 OPERATING NUT | MANGANESE BRONZE | ASTM B584, ALLOY 86500 |
| 8 PACKING GLAND | ALUMINUM BRONZE | ASTM B148, 955/958 |
| 9 RETAINER NUT | BRONZE | ASTM B61 |
| 10 STEM PACKING | SYNTHETIC TEFLON | COMMERCIAL |
| 11 HANDWHEEL | ALUMINUM | COMMERCIAL |
| 12 WHEELNUT | BRONZE | ASTM B61 |
| 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 | NI-CU ALLOY | ASTM A494, GR. M30H |

DIMENSIONS

| SIZE | 3/4 (BORE = 1") | 1 | 1-1/4 | 1-1/2 | 2 | 2-1/2 | 3 | 3-1/2 | 4 |
|------|--------------------|-------|--------|--------|----------|----------|--------|----------|--------|
| A | 5 | 5 | 5 1/4 | 5 1/2 | 7 | 7 1/2 | 8 | 8 1/2 | 9 |
| B | 3/8 | 3/8 | 13/32 | 7/16 | 1/2 | 9/16 | 5/8 | 11/16 | 11/16 |
| C | 3 7/8 | 4 1/4 | 4 5/8 | 5 | 6 | 7 | 7 1/2 | 8 1/8 | 9 |
| D | 7 3/4 | 7 3/4 | 10 | 10 | 10 15/16 | 10 13/16 | 14 7/8 | 15 11/16 | 16 3/4 |
| E | 8 7/8 | 8 7/8 | 11 5/8 | 11 5/8 | 13 1/16 | 13 1/2 | 18 3/8 | 19 1/2 | 20 7/8 |
| F | 5 | 5 | 6 | 6 | 6 | 6 | 8 | 8 | 8 |
| WT | 10 | 10 | 14 | 14 | 19 | 29 | 45 | 58 | 70 |

