



## 16 in. Bronze Gate Valve. Class 150 Rating, Flanged Connection, Bronze Trim, Outside Stem & Yoke (OSY). Pima Valve B102A

|                        |            |                    |      |
|------------------------|------------|--------------------|------|
| <u>Item No.</u>        | M100993    | <u>Weight (lb)</u> | 1143 |
| <u>Brand</u>           | Pima Valve | <u>UOM</u>         | EA   |
| <u>Mfg Part Number</u> | B102A      |                    |      |

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### Specifications

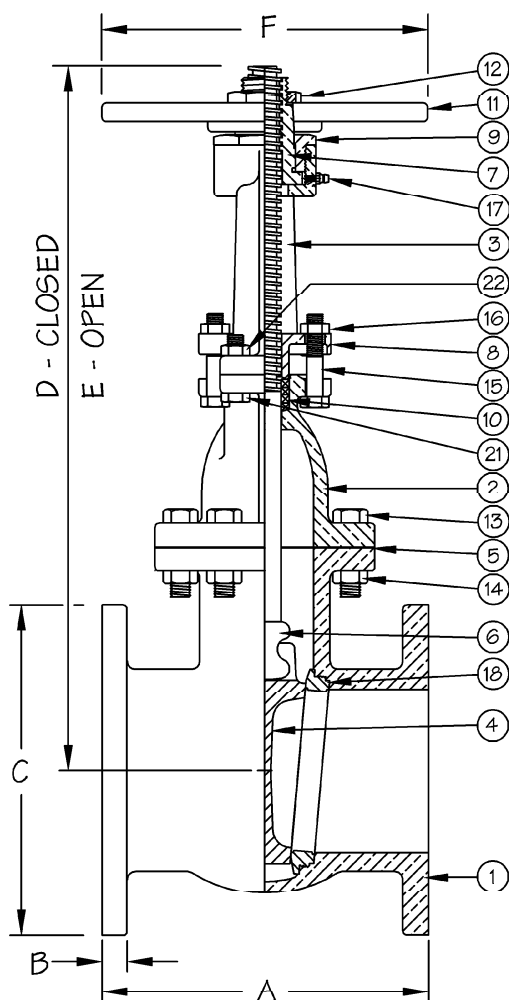
|                |                           |
|----------------|---------------------------|
| Type           | Gate Valve                |
| Item Remarks   | Outside Stem & Yoke (OSY) |
| Size           | 16 in.                    |
| Material       | Bronze, Brass, Al-Brz     |
| Material Grade | Bronze                    |
| Trim           | Bronze                    |
| Pressure Class | Class 150                 |
| Connection     | Flanged                   |
| Operator       | Handwheel                 |
| End-to-End     | 16                        |
| Specification  | ANSI B16.5                |
| Compare to     | 052103.890                |
| Market         | Commercial                |

Product URL: <https://torksystems.com/M100993>

# BRONZE GATE

150 PSI, 5" - 24"  
FLANGED END, B.B., OS&Y  
BRONZE TRIM

**FIGURE NO. B102A**



DIMENSIONS

| SIZE | 5                | 6                | 8                 | 10                 | 12               | 14               | 16               | 18               | 20               | 24               |
|------|------------------|------------------|-------------------|--------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| A    | 10               | 10 $\frac{1}{2}$ | 11 $\frac{1}{2}$  | 13                 | 14               | 15               | 16               | 17               | 18               | 20               |
| B    | $\frac{3}{4}$    | $\frac{13}{16}$  | $\frac{15}{16}$   | 1                  | 1 $\frac{1}{16}$ | 1 $\frac{3}{16}$ | 1 $\frac{1}{4}$  | 1 $\frac{3}{8}$  | 1 $\frac{7}{16}$ | 1 $\frac{5}{8}$  |
| C    | 10               | 11               | 13 $\frac{1}{2}$  | 16                 | 19               | 21               | 23 $\frac{1}{2}$ | 25               | 27 $\frac{1}{2}$ | 32               |
| D    | 22 $\frac{5}{8}$ | 24 $\frac{1}{8}$ | 30 $\frac{3}{8}$  | 36 $\frac{15}{16}$ | 43 $\frac{5}{8}$ | 45 $\frac{3}{4}$ | 52 $\frac{7}{8}$ | 61 $\frac{1}{2}$ | 68 $\frac{1}{4}$ | 74 $\frac{7}{8}$ |
| E    | 28 $\frac{3}{8}$ | 30 $\frac{1}{2}$ | 39 $\frac{1}{16}$ | 47 $\frac{1}{4}$   | 55 $\frac{7}{8}$ | 59 $\frac{1}{2}$ | 69 $\frac{3}{8}$ | 80               | 89 $\frac{1}{2}$ | 98 $\frac{7}{8}$ |
| F    | 10               | 10               | 12                | 16                 | 16               | 21               | 24               | 24               | 24               | 24               |
| WT   | 131              | 163              | 282               | 445                | 706              | 1085             | 1143             | 1420             | 2010             | 2633             |

**BILL OF MATERIALS**

|    | PART           | MATERIAL         | SPEC.                  |
|----|----------------|------------------|------------------------|
| 1  | BODY           | BRONZE           | ASTM B61 or B62        |
| 2  | BONNET         | BRONZE           | ASTM B61 or B62        |
| 3  | YOKE           | BRONZE           | ASTM B61 or B62        |
| 4  | WEDGE          | BRONZE           | ASTM B61 or B62        |
| 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 B6500 |
| 8  | PACKING GLAND  | BRONZE           | ASTM B61 or B62        |
| 9  | RETAINER NUT   | BRONZE           | ASTM B61 or B62        |
| 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 or B62        |
| 21 | YOKE BOLT      | PLATED STEEL     | ASTM A307, GR. A       |
| 22 | YOKE NUT       | PLATED STEEL     | ASTM A563, GR. A       |

