



## 3 in. Bronze Hose Gate Valve. Class 150 Rating, Flanged Connection, Bronze Trim. Pima Valve B107A

|                        |            |                    |    |
|------------------------|------------|--------------------|----|
| <u>Item No.</u>        | M102023    | <u>Weight (lb)</u> | 49 |
| <u>Brand</u>           | Pima Valve | <u>UOM</u>         | EA |
| <u>Mfg Part Number</u> | B107A      |                    |    |

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### Specifications

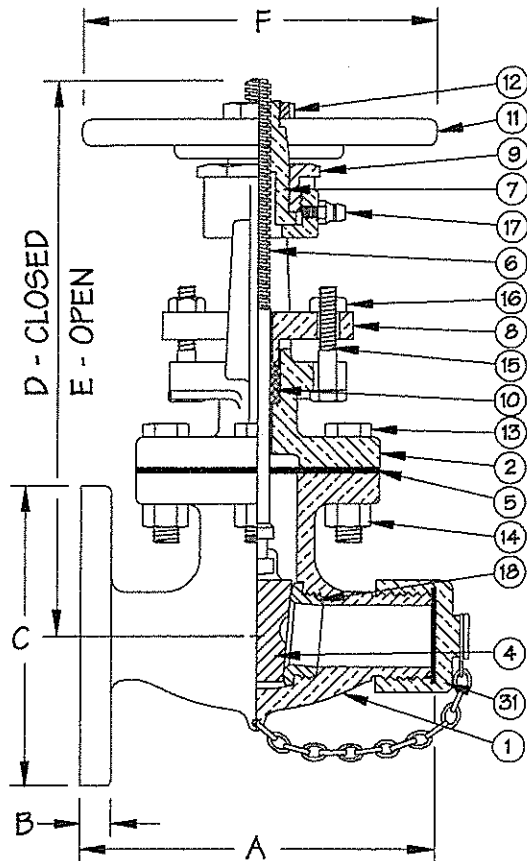
|                |                       |
|----------------|-----------------------|
| Type           | Hose Gate Valve       |
| Size           | 3 in.                 |
| Material       | Bronze, Brass, Al-Brz |
| Material Grade | Bronze                |
| Trim           | Bronze                |
| Pressure Class | Class 150             |
| Connection     | Flanged               |
| Operator       | Handwheel             |
| End-to-End     | 8                     |
| Specification  | ANSI B16.24           |
| Market         | Commercial            |

Product URL: <https://torksystems.com/M102023>

# BRONZE GATE

150 PSI, 1-1/2" - 4"  
FLANGED BY HOSE, B.B., OS&Y  
BRONZE TRIM

FIGURE NO. B107A



## BILL OF MATERIALS

|    | PART             | MATERIAL         | SPEC.                  |
|----|------------------|------------------|------------------------|
| 1  | BODY             | BRONZE           | ASTM B61 or B62        |
| 2  | BONNET           | BRONZE           | ASTM B61 or B62        |
| 4  | WEDGE            | BRONZE           | ASTM B61 or B62        |
| 5  | BONNET GASKET    | SYNTHETIC RUBBER | MIL-G-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 or B62        |
| 9  | RETAINER NUT     | BRONZE           | ASTM B61 or B62        |
| 10 | STEM PACKING     | SYNTHETIC TEFLON | COMMERCIAL             |
| 11 | HANDWHEEL        | ALUMINUM         | 803-1385620            |
| 12 | WHEELNUT         | PLATED STEEL     | MIL-B-857/QQ-P-416     |
| 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        |
| 31 | HOSE CAP & CHAIN | BRONZE           | ASTM B62               |

## DIMENSIONS

| SIZE | 1-1/2            | 2                  | 2-1/2              | 3                | 3-1/2              | 4                |
|------|------------------|--------------------|--------------------|------------------|--------------------|------------------|
| A    | 5 $\frac{1}{2}$  | 7                  | 6                  | 8                | 8 $\frac{1}{2}$    | 9                |
| B    | $\frac{7}{16}$   | $\frac{1}{2}$      | $\frac{9}{16}$     | $\frac{5}{8}$    | $\frac{11}{16}$    | $\frac{11}{16}$  |
| C    | 5                | 6                  | 7                  | 7 $\frac{1}{2}$  | 8 $\frac{1}{2}$    | 9                |
| D    | 10               | 10 $\frac{11}{16}$ | 10 $\frac{13}{16}$ | 14 $\frac{7}{8}$ | 15 $\frac{11}{16}$ | 16 $\frac{3}{4}$ |
| E    | 11 $\frac{5}{8}$ | 13 $\frac{1}{16}$  | 13 $\frac{1}{2}$   | 18 $\frac{3}{8}$ | 19 $\frac{1}{2}$   | 20 $\frac{7}{8}$ |
| F    | 6                | 6                  | 6                  | 8                | 8                  | 8                |
| WT   | 18               | 23                 | 28                 | 49               | 64                 | 78               |



PIMA VALVE, INC.  
2003