

# CAST IRON OSY#125 FLANGED GATE VALVES



Outside screw and yoke  
Flanged end

Part #C IOSYsize

Sizes: 2" - 12"

This series of bolted bonnet gate valves are outside screw and yoke type with Flanged ends. Two body-trim combinations: All-iron or iron body with bronze mountings (IBBM), the latter recommended for general use on steam, water, air, oil, and gas lines.

**Body and bonnet** Close-grained cast iron or a corrosion-resistant 3% nickel iron alloy. Bolted bonnets. Flanged ends make valves easy to install or remove in general use or corrosive service. Two supporting webs between pipe flanges and body flange help strengthen valve against pipe line strain.

**Stem** Outside screw and yoke design places stem outside bonnet away from corrosive fluids. Acme standard threads with long engagement in yoke bushing.

For all-iron valves Steel. Chemically treated with phosphate to inhibit rust.

For IBBM valves Manganese bronze in 2"- 12" sizes. "Stemalloy" in larger sizes. Resistant to wear, corrosion, embrittlement.

**Discs** Solid wedge design will not distort with temperature variations.

For all-iron valves Iron, solid wedge.

For IBBM valves Solid bronze in 2" and 2 1/2" size. Iron with bronze faces in 3" and larger sizes.

**Seats** Seat rings heavily constructed and rectangular in section, renewable if needed. Seat face inner rings seat against solid walls of body recess.

For iron valves Screw in, iron seat rings.

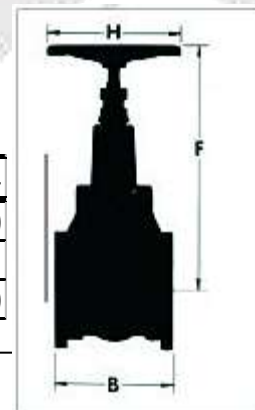
For IBBM valves Screw in bronze seat rings.

**Repacking** Swing gland bolts and shelves facilitate repacking. Large stuffing boxes; repackable under pressure when wide open.

Dimensions in inches Weights in pounds

| Size | 2      | 2 1/2   | 3        | 4      | 5        | 6      | 8      | 10     | 12     | 14 | 16 | 18 | 20 | 24 |
|------|--------|---------|----------|--------|----------|--------|--------|--------|--------|----|----|----|----|----|
| B    | 7      | 7 1/2   | 8        | 9      | 10       | 10 1/2 | 11 1/2 | 13     | 14     | 15 | 16 | 17 | 18 | 20 |
| F    | 15 1/8 | 16 9/16 | 18 15/16 | 23 3/4 | 27 15/16 | 32 1/2 | 40 1/8 | 49 3/8 | 57 3/4 |    |    |    |    |    |
| H    | 8      | 8       | 8        | 10     | 12       | 12     | 14     | 16     | 18     | 20 | 24 | 26 | 28 | 30 |

\*Measurements are approximate, please call us if you need exact specifications\*



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