



Non-rising stem
Flanged end
Fig 1428 IBBM

Non-rising stem design for use in cramped spaces, with minimal headroom. Iron body with bronze mountings (IBBM) recommended for general use on steam, water, air, oil, and gas lines.

Bodies and bonnets Close-grained cast iron. Flanged end valves are easy to install or remove in corrosive service. Two supporting webs between pipe flanges and body flange help strengthen valve against pipe line strain.

Stems Non-rising design. Acme standard threads with long engagement in yoke bushing.

For IBBM valves Leaded manganese bronze. Exceptionally resistant to wear and corrosion.

Discs Solid wedge design will not distort with temperature variations.

For IBBM valves Solid bronze in 2, 2½, and 3."½" size; iron with bronze faces in larger sizes. 4" and large sizes have bronze, press-on seat rings mounted to cast iron disc.

Seats Renewable.

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

Flanges Conform to American Standard Face to Face Dimensions, Ferrous Flanged Valves (ANSI B16.10-1973) for 125 lb Cast Iron

Wedge Gate Valves. Dimensions, drilling and facing of flanges conform to American Cast Iron Flange Standard, Class 125 (ANSI B-16.1-1975). Have plain face with smooth finish.

Principal Parts and Materials

| Part | Fig/Sizes | Material | ASTM |
|---------------|-----------|----------------------------|----------------|
| Body & Bonnet | All | Cast Iron | A-126 |
| Disc | =< 3" | Bronze | B-62 |
| | 1428, >4" | Iron with bronze face | A-126 B-62 |
| Stem | 1428, | Manganese Bronze | B-147 Alloy 7A |
| Seat Ring | 1428, | Bronze | B-62 |
| Packing | All | Non-Asbestos Braided Fiber | |
| Gasket | All | Non-Asbestos Sheet | |

*Reg. T.M., E. I. DuPont de Nemours and Co.

Dimensions in inches Weights in Pounds

| Size | 2 | 2½ | 3 | 4 | 5 | 6 | 8 | 10 | 12 |
|---------------------|--------------------------------|------|----------------------------------|----------------------------------|-------|-------|-------|--------------------------------|----------------------------------|
| B | 7 | 7½ | 8 | 9 | 10 | 10½ | 11½ | 13 | 14 |
| E | 10 ⁷ / ₈ | 12 | 13 ¹⁵ / ₁₆ | 16 ¹³ / ₁₆ | 19 | 20½ | 25½ | 29 ⁵ / ₈ | 33 ¹⁵ / ₁₆ |
| H | 6 | 7 | 8 | 10 | 12 | 12 | 14 | 16 | 18 |
| Fig 1428 Wts | 31.1 | 44.0 | 55.0 | 94.0 | 129.0 | 175.0 | 291.0 | 434.0 | 653.0 |

These valves comply with ANSI B-16.1 & B-16.10

