



## Series 300 Eccentric Plug Valves Standard Specification

- A. This specification covers Class 125 Non-Lubricated plug valves with flanged and threaded ends.
- B. Bodies shall be ASTM A126, Class B Cast Iron.
- C. Plugs ½” through 2” shall be Bronze, ASTM B30, Alloy C8440.  
Plugs 2-1/2” through 4” shall be Electroless Nickel-Plated ASTM A126 Class B cast iron.
- D. End flanges shall be integral with the valve body. Flange drilling and thickness shall conform to ANSI B16.1, Class 125. Flanges shall be finished in accordance with MSS SP-6.
- E. Face-to-Face dimensions of flanged end valves shall conform to ANSI B16.10.
- F. Threaded ends shall conform to ANSI B1.20.1.
- G. Valves shall be rated for 175 psi WOG.
- H. Plug elastomer shall be O-ring type Buna.
- I. Upper and lower bearings shall be replaceable ASTM B30 bronze.
- J. Body seats shall be baked on thermosetting epoxy.
- K. Stem seals shall be O-ring type Buna.