



Series 600SJ Lubricated Plug Valves Standard Specification

For High-Temperature Applications to 450 Degrees F

- A. This specification covers Class 125 lubricated plug valves with flanged or threaded ends.
- B. Pressure-Temperature ratings shall be per ASME/ANSI B16.1, Class 125, with a maximum media temperature of 450 degrees F.
- C. Valve bodies shall be designed to provide a maximum streamline flow through the valve. Valve plugs shall be a cylindrical design.
- D. Bodies and plugs shall be made from Gray Iron castings, ASTM A-126, Class B. Steam/Hot Oil jacketed bonnets shall be made from Ductile Iron castings, ASTM A536 65-45-12
- E. End flanges shall be integral with the valve body. Flange drilling and thickness shall conform to ASME/ANSI B16.1 for pressure Class 125.
- F. Flange faces shall be finished in accordance with MSS SP-6.
- G. Face-to-Face dimensions of flanged end valves shall conform to ASME/ANSI B16.10 up to and including 14" size.
- H. Threaded valve connections shall conform to ASME/ANSI B1.20.1
- I. Valves shall be furnished with a lubricating/sealing system to provide a means for delivering plug valve lubricant/sealant to the body-plug interface.
- J. Stem seal material shall be PEEK.
- K. Sealant shall be Type 750.
- L. Leak and Hydro testing shall be performed on all completed valves prior to painting and shipment.