

# HOMESTEAD<sup>®</sup> VALVE

## How to Specify

### Homestead<sup>®</sup> Non-Lubricated Series 120

#### Eccentric Plug Valves

- All non-lubricated eccentric plug valves shall be Homestead Series 120 or approved equal
- Bodies shall be of the rectangular ported design, ASTM A126 Class B cast iron with bolted bonnets.
- Rated for 175psi working pressure for valves 12" and smaller and 150psi for valves 14" and larger.
- Flanges shall fully conform to ANSI B16.1 requirements in all respects including flange thickness.
- Port area of valves 20" and smaller shall not be less than 80% of pipe area, and not less than 70% of pipe area for valves 24" and larger.
- All valves must have fully coated plugs of Neoprene, Hycar, EPDM or Isoprene as dictated by the application with mating seats of no less than 90% pure nickel in the finished state, raised and welded into the body.
- Stainless steel seats are not acceptable and plug elastomer retained by means of seat rings and retaining screws are not acceptable.
- Upper and lower radial bearings must be removable 316 stainless steel for valves 20" and smaller; valves 24" and larger shall have 316 stainless steel or bronze bearings.
- Stem seals shall be multi-V ring adjustable packing type and shall be in-line replaceable without valve disassembly.
- Flanged ends must be faced and drilled per ANSI B16.1, Class 125; mechanical joint ends must conform to AWWA C111.