

PRODUCT SPECIFICATIONS

14"–16" Insta-Valve Plus 250

Material Specifications:

Operating Nut: Ductile iron, painted

Bonnet Nuts And Bolts: 316 stainless steel, 1" X 4", coated to prevent galling.

Valve Bonnet: Carbon steel, epoxy coated

Completion Plug: Aluminum

Bonnet O-Ring: BUNA-N rubber

Valve Body Flange: Carbon steel, painted

Completion Plugs (8): Series 300 stainless steel, coated to prevent galling

Completion Pins (8): 1144 steel, zinc coated to prevent corrosion

Thrust Washers (2): Acetal

Valve Body Branch: 304 stainless steel

Valve Stem: 304 stainless steel

Retention Plate: 7075 aluminum

Gate Seals: EDPM rubber

Stem Nut: 360 brass

Valve Body Clamp: 304 stainless steel

Valve Body Mounting Nuts, Bolts, and Washers: 304 stainless steel, coated to prevent galling

Gate Housing: Cast nylon, type 6

Valve Body Gasket: BUNA-N rubber / EPDM rubber

Gate: Cast nylon, type 6

Paddle: EPDM rubber

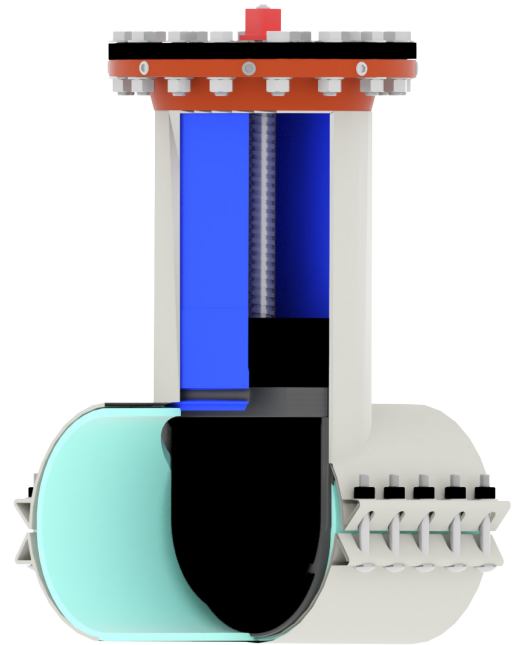
Paddle Shield: Aluminum, anodized

Check Valves: 316 stainless steel

Pipe Plugs: 304 stainless steel

Check Valve O-Rings: BUNA-N rubber

Gatehousing O-Rings: EPDM rubber



Design Specifications:

Insta-Valve Plus 250 Valve Body Test and Working Pressures: 250 psi working pressure. Maximum 375 psi valve body test pressure.

Welds: Welds fully passivated for improved corrosion resistance.

Domestic Purchasing Requirements: The Insta-Valve Plus 250 insertion valve can be ordered to meet domestic purchasing requirements specified in the Build America, Buy America Act (BABA), "Buy American Act", "Buy America", and "American Iron and Steel".

Pipe Type: 14 inch: For use on ductile iron (DI), cast iron (CI), polyvinyl chloride (PVC), or asbestos cement (AC) pipe with an inside diameter of 13.3 –14.50 inches. 16 inch: For use on ductile iron (DI), cast iron (CI), polyvinyl chloride (PVC), or asbestos cement (AC) pipe with an inside diameter of 15.3 –16.50 inches.