

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.

AIS Compliance: The Insta-Valve Plus 250 insertion valve can be ordered to meet American Iron and Steel Act requirements. Lead times and additional charge(s) will apply. Hydra-Stop MUST be notified of AIS requirements at time of order. AIS version meets requirements specified in the "Build America, Buy America Act" and "American Iron and Steel" requirements.

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.

