

PRODUCT SPECIFICATIONS

20"–24' Insta-Valve 20-24

Material Specifications:

Operating Nut: Ductile iron, cast

Bonnet Cover Bolts: Stainless steel

Bonnet Cover: Ductile iron, coated 10 mil epoxy

Bonnet Seal Ring: SBR rubber

Feed Screw: Stainless steel

Valve Cartridge Assembly: Ductile iron, coated 10 mil epoxy plus stainless steel assembly hardware

Bonnet Flange: Ductile iron, coated 10 mil epoxy

Resilient Wedge: SBR rubber

Set Pin Cover Plug: Steel, S25C

Set Pin: Stainless steel

Seal Plug Cover: Stainless steel

Seal Plug: Stainless Steel

Valve Mounting Hardware: Stainless steel (bolts, nuts, and washers)

Bonnet Flange Hardware: Stainless steel (bolts, nuts, and washers)

Gate Valve Cover: Ductile iron, coated 10 mil epoxy

Gate Valve Cover Bolts: Stainless steel

Gate Valve Cover O-Ring: SBR rubber

Upper Valve Body: Ductile iron, coated 10 mil epoxy

Lower Valve Body: Ductile iron, coated 10 mil epoxy

Valve Body Gaskets: SBR rubber



Design Specifications:

Insta-Valve 20-24 Valve Body Test and Working Pressures: 150 psi working pressure. Maximum 225 psi valve body test pressure.

Integrated Temporary Gate Valve: Integration of a temporary gate valve with the valve body allows for a lower valve height (from the top of the pipe to the top of the operating nut) and eliminates concerns related to bury depth.

Two-Stage Valve Cartridge Assembly: The engineered valve cartridge has a mechanically actuated, two-stage, resilient wedge that expands to provide a drip-tight seal with minimal torque.

Welds: Welds fully passivated for improved corrosion resistance.

Publication Date: May 2021