**Material Specifications:**

OPERATING NUT: DUCTILE IRON (PAINTED)
BONNET NUTS AND BOLTS: 316 STAINLESS STEEL. 1”- 8 x 4” Coated to prevent galling.
VALVE BONNET: CARBON STEEL (EPOXY COATED)
COMPLETION PLUG: ALUMINUM
BONNET O-RING: BUNA-N
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
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/EPDM
GATE: CAST NYLON, TYPE 6
PADDLE: EPDM
PADDLE SHIELD: ALUMINUM (ANODIZED)

**Design Specifications:**

**IVP 250 Test and Working Pressures:** 250 psi working pressure. 375 psi test pressure max.

**Welds:** Welds fully passivated for improved corrosion resistance.

The IVP 250 Insertion Valve can be ordered to meet American Iron and Steel Act requirements.