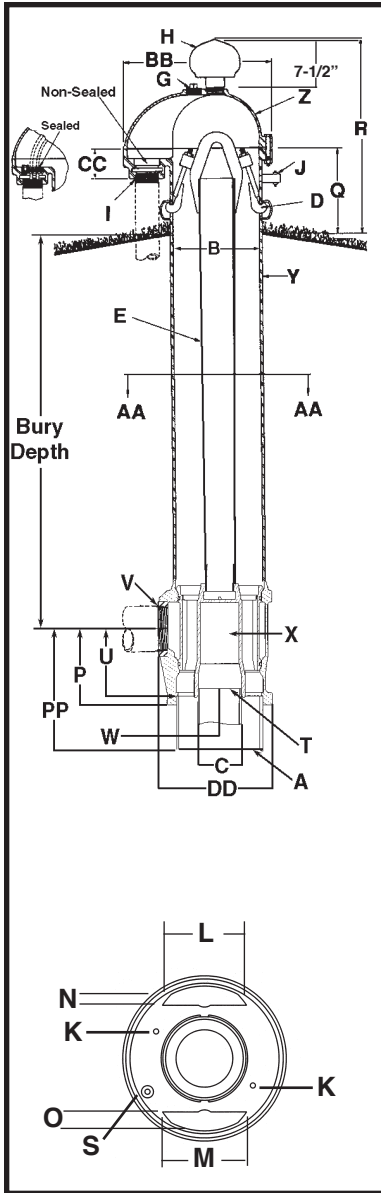




10" I.D. STANDARD INDUSTRIAL SPECIFICATIONS



- A Pitless Unit to Well Casing Connection: Chamfered for butt weld
- B Pitless Unit with black upper case: 12" I.D. X 12-3/4" O.D.
- C Discharge body minimum I.D. 11"
- D Hold-down Mechanism: Locks spool in place and prevents lifting and turning during pump start-up. Two adjustable hooks on lift-out pipe hook into side of pitless case.
- E Lift-out pipe with lifting bail: 4" NPT assembly designed for a 48,000 lb. load
- G Tap Size: 2" NPT
- H Well vent: Screws into a 2-1/2" NPT tap
- I Conduit tappings: 3" NPT Watertight conduit seals for most common cable sizes are available.
- J Depth tester block tappings: 1/4" NPT
- K Pressure zone tappings: (2) 3/8" NPT
- L **MOTOR CABLE PASSAGES**
THROUGH SPOOL (SECTION AA-AA)
Will clear rigid rod parallel to casing 1.39"
- M 6"
- N Some restrictions apply 1-5/16"
- O 1-5/16"
- P Dimension from center of discharge outlet to bottom of discharge Body: 11-7/8"
- PP Dimension from center of discharge outlet to bottom of weld nipple: 15-7/16"
- Q Distance from ground level to top of the pitless case: 12"
- R Distance from ground level to top of the screened well vent: 28-1/2"
- S Water sampler tapping: Optional
- T **SPOOL TO DROP PIPE CONNECTION:** ...6" NPT tapping Spool designed for 48,000 lb. load
- U Dimension from center of discharge outlet to bottom of spool: 9-5/8"
- V Discharge connection tapping size: 6" NPT
- W Dimension from center of well casing to the end of discharge outlet: 9-1/8"
- X **SPOOL ASSEMBLY**
- Y Pitless case wall thickness:375"
- Z **SEAL CAP:** Watertight cap bolts to a gasketed surface securing around the pitless casing and comes installed with 2-1/2" screened well vent.
- BB Overall length of seal Cap: 22-1/2"
- CC 2-15/16"
- DD 17"

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

COMPONENT MATERIALS

- Well Vent: cast iron, green enamel finish.
- Cap: cast iron, green enamel finish.
- Hold-Down & Lift-Out Mechanism: Black Steel
- Hold-Down Pipe: Steel, corrosion resistant coating.
- Pitless Case: Steel, corrosion resistant coating.
- Spool: Lead-Free Galvanized ductile iron.
- Discharge Body: Lead-Free Galvanized ductile iron.
- Electrical Conduit Cable Seal: Neoprene
- Maximum rated discharge pressure - 300 PSI

*For Flowing Well spool concept, see Booster Station section.
*Optional flange, weld or mechanical joint available upon request.

Note: Pitless units conform to the Recommended Standards for Water works, Great Lakes Upper Mississippi River Board of State Public Health & Environmental Managers and Water Systems Council PAS-97 (04) Standards.

BB-3-10(05-08)