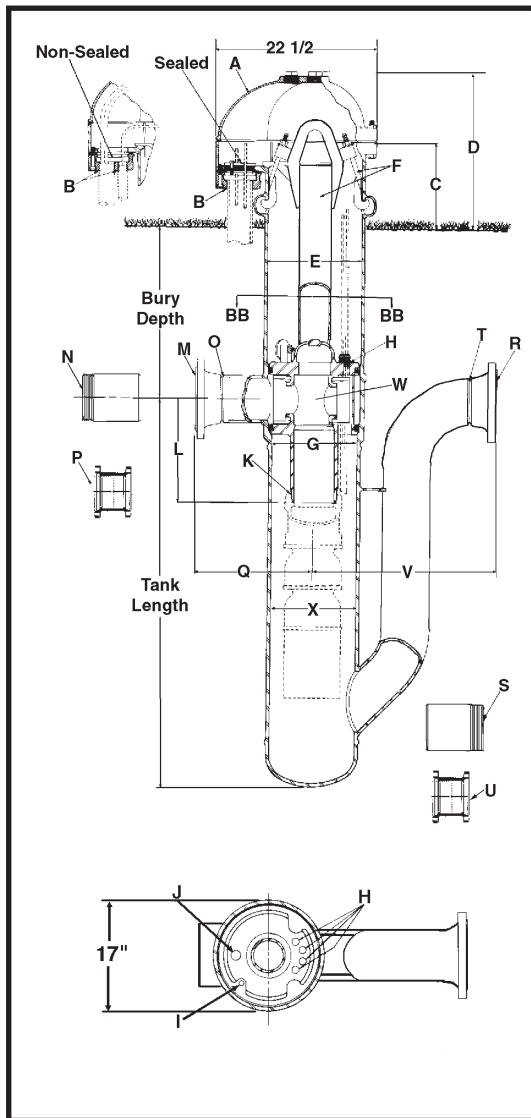




12" PITLESS BOOSTER SPECIFICATIONS



- A** Seal Cap: The watertight cap bolts on top of the upper casing forming a watertight connection with a gasket.
- B** Conduit Tapping Sizes: 2" & 1" NPT without sealed conduit connection; 2" & 1", 2", 3", or 4" NPT with sealed conduit connection. Watertight conduit seals for most common cable sizes are available.
- C** Distance from ground level to top of Pitless Case: 12".
- D** Distance from ground level to top of Seal Cap: 22-1/16".
- E** Pitless Case size: 13-1/8" I.D. 14" O.D.
- F** "Hold Down-Lift Out Assembly: Positions and clamps spool to discharge body to prevent rotation during pump start up. Hold Down-Lift-Out pipe size 4" IPS. Designed Lift-Out assembly load: 60,000 lbs. (2) Hold-Down hooks supplied.
- G** Pitless Unit minimum I.D.: 12"
- H** Motor cable tappings through spool: (4) 1/2" NPT. (with cable connectors)
- I** Tapping into Pressure Zone: 3/8" NPT. (Furnished with square head plug)
- J** Tapping into Suction Zone: 1" NPT. (Furnished with square head plug).
- K** Spool to Drop Pipe connection sizes:..... **4" NPT** **5" NPT** **6" NPT**
- L** Dimension from center of discharge outlet to bottom of spool:..... 12-7/8" 12" 11-3/4"
- DISCHARGE CONNECTIONS & SIZES**
- M** For Flanged (ASA Std. 150 lbs.):..... 4" I.D. 5" I.D. 6" I.D.
- N** For Threaded Nipple (NPT):..... 4" I.D. 5" I.D. 6" I.D.
- O** For Butt Weld (IPS):..... 4" I.D. 5" I.D. 6" I.D.
- P** For Transition Sleeve (IPS):..... 4" I.D. 5" I.D. 6" I.D.
- Q** Dimension from center of Booster Unit to end of discharge outlet.
- With **M** Flanged Discharge:..... 21-1/2" 22" 16-7/16"
- With **N** Threaded Discharge:..... 21-7/16" 21-7/16" 16-15/16"
- With **O** Welded Discharge..... 18-1/2" 18-1/2" 12-15/16"
- With **P** Transition Discharge..... 30" N.A. 25"
- INLET CONNECTIONS & SIZES**
- R** For Flanged (ASA Std. 150 lbs.):..... 4" I.D. 5" I.D. 6" I.D.
- S** For Threaded Nipple (NPT):..... 4" I.D. 5" I.D. 6" I.D.
- T** For Butt Weld (IPS):..... 4" I.D. 5" I.D. 6" I.D.
- U** For Transition Sleeve (IPS):..... 4" I.D. 5" I.D. 6" I.D.
- V** Dimension from center of Booster Unit to end of Inlet Connection.
- With **R** Flanged Inlet:..... 30 1/8" 30-5/8" 25-1/16"
- With **S** Threaded Inlet:..... 30-1/8" 30-1/8" 25-9/16"
- With **T** Welded Inlet:..... 27-1/16" 27-1/16" 21-9/16"
- With **U** Transition Inlet..... 39" N.A. 34"
- W** **SPOOL ASSEMBLY**
- Area of water passages 25.12 Sq. In. 25.12 Sq. In. 25.12 Sq. In.
- Percent area of water passages to area of drop pipe 100% 125% 87%
- X** Tank Pipe size:..... 12" I.D. 12" I.D. 12" I.D.

COMPONENT MATERIALS

Tank & Inlet Pipes - Steel, black corrosion resistant coating.

Cap - Cast iron, green enamel finish.

Conduit Box - Steel, black corrosion resistant coating.

Conduit Connector - Cast iron, green enamel finish.

Combination Hold-Down & Lift-Out Assembly - Galvanized

Hold-Down Pipe - Steel, black corrosion resistant coating.

Pitless Case - Steel, black corrosion resistant coating.

Discharge Body - Ductile iron, lead free galvanized.

Spool - Steel, lead free galvanized.

NOTE: Inlet pipe & tank pipe tested to 200 P.S.I., spool discharge pressure tested to 300 P.S.I.

NOTE: Any combination between Drop Pipe and Discharge Outlet size is possible, if required.

Specifications subject to change without notice

BB136-12(05-08)

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