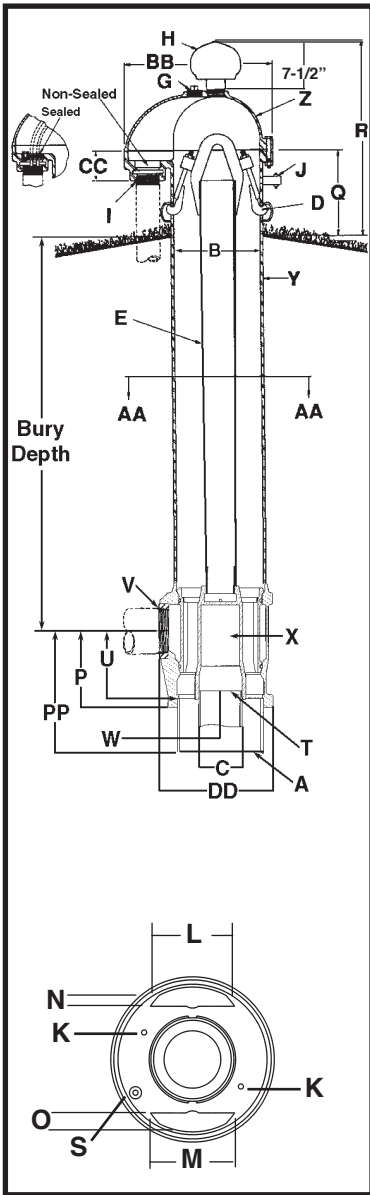


# 12" I.D. STANDARD INDUSTRIAL SPECIFICATIONS



A	Pitless Unit to Well Casing Connection:	.....Chamfered for butt weld
B	Pitless Unit with black upper case:	.....13-1/8" I.D., 14" O.D.
C	Discharge body minimum I.D.	..... 12"
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 tapplings:	.....2" & 1" NPT std. Also available with single 2", 3" or 4" NPT
J	Depth tester block tapplings:	.....1/4" NPT
K	Pressure zone tapplings:	..... (2) 3/8" NPT
L	<b>MOTOR CABLE PASSAGES THROUGH SPOOL (SECTION AA-AA)</b>	
	Will clear rigid rod parallel to casing	..... 1.77"
M		..... 4-1/2"
N	Some restrictions apply.....	..... 1-1/2"
O		..... 1-1/2"
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:	..... 17-1/4"
Q	Distance from ground level to top of the pitless case:	..... 12"
R	Distance from ground level to top of the screened well vent:	.....27-9/16"
S	Water sampler tapping:	..... Optional
T	<b>SPOOL TO DROP PIPE CONNECTION:</b>	.....6" NPT tapping Spool designed for 48,000 lb. load
U	Dimension from center of discharge outlet to bottom of spool:	..... 10-1/2"
V	Discharge connection tapping size:	.....6" NPT
W	Dimension from center of well casing to the end of discharge outlet: -1/8	.....9-1/16"
X	<b>SPOOL ASSEMBLY</b>	
Y	Pitless case wall thickness:	..... .375"
Z	<b>SEAL CAP:</b>	..... Watertight cap bolts to a gasketed surface securing around the pitless casing and comes nstalled with 2-1/2" screened well vent.
BB	Overall length of seal Cap:	.....22-1/2"
CC		.....4-5/8"
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 cast 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.**