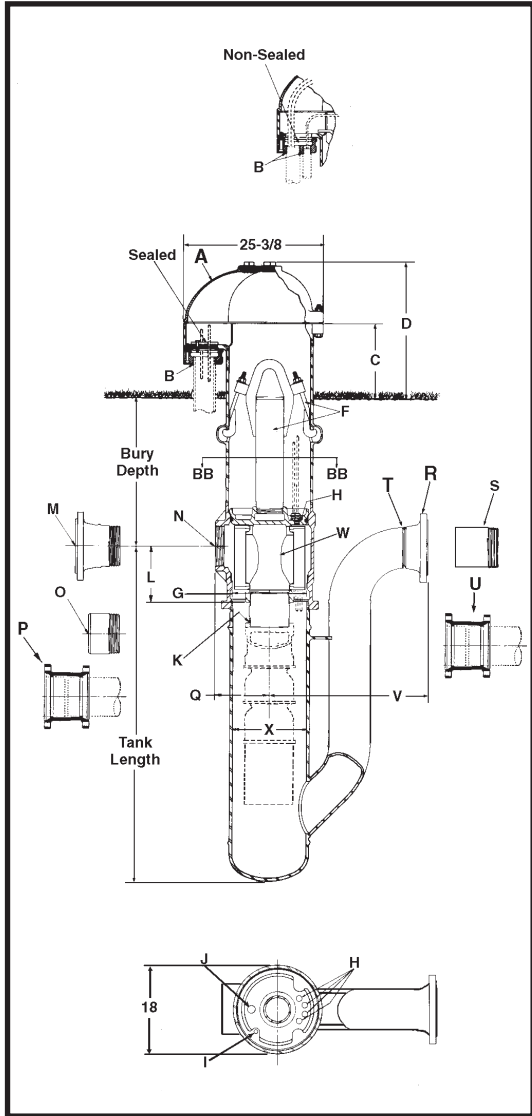




16" PITLESS BOOSTER SPECIFICATIONS



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: 21-13/16".		
E	Pitless Case size: 17-1/4" I.D. 18" 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 5" IPS. Designed Lift-Out assembly load: 110,000 lbs. (4) Hold-Down hooks supplied.		
G	Pitless Unit minimum I.D.: 15-1/4"		
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	6" NPT 8" NPT
L	Dimension from center of discharge outlet to bottom of spool:.....	15-5/8"	16-5/8" 10-5/8"
DISCHARGE CONNECTIONS & SIZES			
M	For Flanged (ASA Std. 150 lbs.):.....	4" I.D.	6" I.D. 8" I.D.
N	For Threaded Nipple (NPT):	4" I.D.	6" I.D. 8" I.D.
O	For Butt Weld (IPS):	4" I.D.	6" I.D. 8" I.D.
P	For Transition Sleeve (IPS):.....	4" I.D.	6" I.D. 8" I.D.
Q	Dimension from center of Booster Unit to end of discharge outlet.		
	With M Flanged Discharge:.....	18-23/32"	18-23/32" 17-13/16"
	With N Threaded Discharge:.....	12-9/32"	15-9/32" 11"
	With O Welded Discharge.....	14-7/16"	15-7/32" 13-13/16"
	With P Transition Discharge.....	N.A.	25" 26"
INLET CONNECTIONS & SIZES			
R	For Flanged (ASA Std. 150 lbs.):.....	4" I.D.	6" I.D. 8" I.D.
S	For Threaded Nipple (NPT):	4" I.D.	6" I.D. 8" I.D.
T	For Butt Weld (IPS):	4" I.D.	6" I.D. 8" I.D.
U	For Transition Sleeve (IPS):.....	4" I.D.	6" I.D. 8" I.D.
V	Dimension from center of Booster Unit to end of Inlet Connection.		
	With R Flanged Inlet:.....	36-7/8"	36-7/8" 31-3/8"
	With S Threaded Inlet:	36-3/8"	37-3/8" 31-3/8"
	With T Welded Inlet:.....	33-3/8"	33-3/8" 27-3/8"
	With U Transition Inlet.....	N.A.	45" 39"
W	SPOOL ASSEMBLY		
	Area of water passages	41.25 Sq. In.	41.25 Sq. In. 41.25 Sq. In.
	Percent area of water passages to area of drop pipe	206%	143% 82%
X	Tank Pipe size:	15-1/4" I.D.	15-1/4" I.D. 15-1/4" 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

BB135-16(05-08)

Baker Manufacturing Co., LLC/Monitor Division • Evansville, WI 53536
Phone: 800-356-5130 • Fax: 608-882-3777 • Website: bakermonitor.com