



SERFILCO® PREPARATION FOR SUMP PUMP INSTALLATION

TECHNIC
BULLETIN
TP-119

SERFILCO Series 'HB' and 'B' Pumps

MOTOR STARTER

Wire for correct voltage and phase. Verify proper motor direction of rotation by "jogging" motor or pump damage will result.

LEVEL CONTROLS

Securely lock high and low level stops and verify correct sequence of circuit contacts for high and low level position of float. Solution must be above pump body before motor is energized. Level control assembly is factory set, do not alter the component lengths. Lower guide bracket must be 2" from end of CPVC pipe support.

BEARING LUBRICATION

Pump shipped for external water flush unless specified for product flush and tagged accordingly. Field changeover is easily accomplished.

WATER FLUSH TO BEARINGS

Bearings are lubricated by a source of pressured clear water. Dri-Stop 2R is recommended for installation of bearing water supply to avoid pump damage. In event of water supply failure, or plugged supply tubing, the Dri-Stop will open the control circuit to de-energize pump motor.

PRODUCT FLUSH TO BEARINGS

Bearings are lubricated by pumped product. Extreme care must be taken to prevent supply tubing from being plugged with debris. Result would be burned bearings and even distortion of pump column assembly. A filter chamber is available for product flush. Consult factory. When product flush is used, enough pump back pressure must be provided to ensure fluid flow to the bearings.

SUCTION STRAINER

Keep strainer free of debris which could impede flow to pump inlet. Never use strainer as a support for the pump-motor assembly. Pump damage can result from violation of either rule.

Support piping load on discharge pipe assembly by an independent support, otherwise pump column will be distorted and thus shorten bearing life.

For complete operating instructions refer to O-891 for Series 'HB' and O-310 for Series 'B'.



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