

HEAVY DUTY SEWAGE PUMP



Submersible Sewage Pumps

SERIES WSO511B



SPECIFICATIONS

Pump:

- **Solids handling capability: 2" Maximum**
- **Discharge Size: 2" NPT**
- Capacities: Up to 140GPM
- Total Heads: Up to 26 feet TDH
- Mechanical Seal: Carbon-Rotary/ Ceramic-Stationary 18-8 Stainless Steel Metal Parts BUNA-N Elastomers.
- Temperature: 160°F (71°C) Maximum.
- Fasteners: 300 Series Stainless Steel.
- **Capable of running dry without damage to components.**

Motor:

- Single phase 1/2 HP, 115 volt 60 Hz, 1750 RPM. Built-in overload with automatic reset.
- Shaft: Threaded 400 Series stainless steel.
- Bearings: Ball bearings upper and lower.
- Power Cord: 15 foot standard length.

FLOAT SWITCH NOT INCLUDED (SEE FLUID CONTROL)

Single Phase: 16/3 SJTO with 3 prong plug.

FEATURES

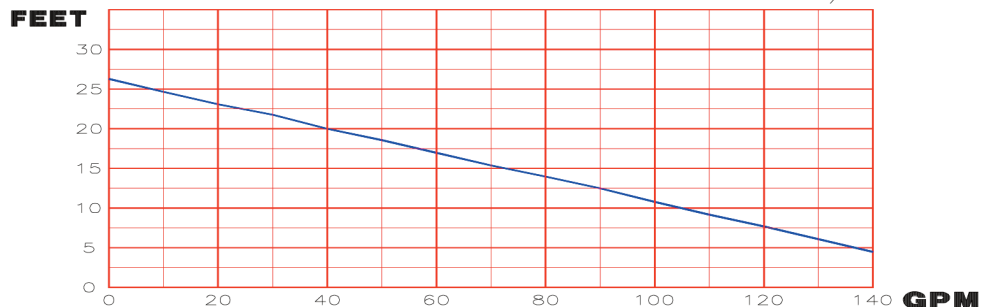
- **Impeller:** Cast iron, semi-open, non-clog with pump-out vanes for mechanical seal protection. Balanced for smooth operation. Bronze impeller available as an option.
- **Casing:** Cast iron volute type for maximum efficiency. 2" NPT discharge, adaptable for ALS 10-20 slide rail systems.
- **Mechanical Seal:** Ceramic versus carbon sealing faces, stainless steel metal parts, BUNA-N elastomers.
- **Shaft:** Corrosion-resistant stainless steel. Threaded design. Locknut on three phase models to guard against component damage on accidental reverse rotation.

MOTOR

- Fully submerged in high-grade turbine oil for lubrication and efficient heat transfer.
- **Designed for Continuous Operations:** Pump ratings are within the motor manufacturer's recommended working limits, can be operated continuously without damage.
- **Bearings:** Upper and lower heavy duty ball bearings construction.
- **Power Cable:** Severe duty rated, oil and water resistant. Epoxy seal on motor-end provides secondary moisture barrier in case of outer jacket damage and to prevent oil wicking.
- **O-Ring:** Assures positive seating against contaminants and oil leakage.

MODEL: 3886
SIZE: 2" SOLIDS

RPM: 1750
IMP. DIA. 5 1/2"



<u>SERIES</u>	<u>HP</u>	<u>VOLTS</u>	<u>CODE</u>
WSO511B	0.50	115	P&C-3886