

SE for Potable Water Booster and Filtered Effluent Service

Multi-Stage, Bottom-Inlet,
High Head Submersibles

FEATURES

Casing: AISI 304 SS. Corrosion resistant, non-toxic, non-leaching.

Impeller: FDA compliant, glass filled Noryl®. Corrosion and abrasion resistant.

Mechanical Seal: Silicon carbide sealing faces; all metal components of AISI type 300 stainless steel running in protected oil chamber.

Elastomers: BUNA-N.

Suction Strainer and Motor Shell:
Constructed of AISI type 304 series stainless steel.

Shaft: AISI type 304 stainless steel high strength keyed pump shaft with impeller locking cap screw.

Discharge: 1¼" NPT vertical discharge connection.

Suction Strainer: Detachable for easy clean out.



APPLICATIONS

These multi-stage, high head, bottom suction pumps are ideal for the following applications:

- Filtered onsite effluent systems
- Cistern booster systems
- Shallow dug wells
- Shore wells
- Aeration

| Component | Material |
|--------------------------------|---------------------------------|
| Outer casing and upper support | Stainless steel (AISI 304) |
| Motor casing | Stainless steel (AISI 304) |
| Suction strainer | Stainless steel (AISI 304) |
| Motor shaft | Stainless steel (AISI 304) |
| Impeller | Noryl |
| Diffuser | Stainless steel (AISI 304) |
| Mechanical seal housing | Technopolymer |
| Elastomers | BUNA-N |
| Inner mechanical seal | Silicon carbide/silicon carbide |
| Outer lip seal | Nitrile rubber |

SPECIFICATIONS

Pump:

- 1 1/4" NPT discharge and open suction
- Maximum suspended solids 1/8"
- Capacities: to 37 U.S. GPM
- Total heads: to 145 feet TDH
- Temperature:
104°F (40°C) continuous
140°F (60°C) intermittent.
- Maximum submergence: to 65 feet (20 m)
- Continuous duty rated, non-overloading motor

Motor:

- Single phase
- 115 or 230 V, 60 Hz
- PSC design for excellent efficiency
- Class F insulation
- Non-overloading
- Built-in, automatic reset, thermal overload protection
- 10' Power cord with bare leads

MODEL INFORMATION

| Model No. | HP | Volts | Stages | Maximum Amps. | Minimum Circuit Breaker | Phase | RPM | Power Cord | Discharge Connection | Weight (lbs.) | "L" Dimension (in.) |
|-----------|-----|-------|--------|---------------|-------------------------|-------|------|-------------------------|----------------------|---------------|---------------------|
| 16SE0511 | 1/2 | 115 | 3 | 9.0 | 15 | 1 | 3450 | 10' 16 AWG w/bare leads | 1 1/4" NPT | 28 | 19.8" |
| 26SE0511 | | | | 4.5 | 10 | | | | | | |
| 16SE0512 | | 230 | | 4.5 | 10 | | | | | | |
| 26SE0512 | | | | 4.5 | 10 | | | | | | |



