DISCHARGE CASE .................... 356T6 Aluminum, Hard Anodized
DIFFUSER ............................. 356T6 Aluminum, Hard Anodized
SUCTION CASE ....................... 356T6 Aluminum, Hard Anodized, with wear resistant polyurethane liner
FRAME & OUTER CASE .......... 6063T6 Aluminum, Hard Anodized
WEAR PLATE ......................... Polyurethane
PUMP SHAFT ......................... Stainless Steel
IMPELLER .................. Hardened 17-4 Stainless Steel
HARDWARE ............................ Stainless Steel, Buna-N
O-RINGS ......................... Buna-N
SEAL  Design: Tandem mechanical, Oil lubricated
INBOARD Material: Rotating Face - Carbon
Stationary Face - Ceramic
Elastomer - Buna-N
Hardware - 300 Series Stainless
OUTBOARD Material: Rotating Face - Silicon Carbide
Stationary Face - Silicon Carbide
Elastomer - Viton®
Hardware - 300 Series Stainless
STRAINER .................. 300 series stainless steel, .25" (6.35mm) Holes
UPPER BEARING: Design: Single Row, Shielded, Ball Lubrication: Prelubricated high-temperature grease Load: Radial
LOWER BEARING: Design: Double Row, Shielded, Ball Angular Contact Lubrication: Prelubricated high-temperature grease Load: Radial & Thrust
CORD ENTRY .................. 50Ft. (15m) with Strain Relief and Pressure Grommet for Sealing
MOTOR: Design: NEMA Design B - Three Phase, Squirrel Cage Induction Insulation: Class F
CONTROL: Three Phase Watertight, NEMA 4. Provides with Circuit Breaker for overload and short circuit protection
OPTIONAL EQUIPMENT Discharge Adapters kits, Viton® Seals. See accessory section for additional information.

DESCRIPTION:
Prosser's small but powerful Portable Electric Submersible Pumps are compact, lightweight units. They are quiet and will operate in any position. No priming, suction hose or foot valves are required. Prosser pumps can be easily staged for higher head applications. The patented outboard shaft seal on this pump is a specially designed silicon carbide abrasive resistant type “S” shaft seal, which offers greater service life. A special abrasion resistant suction case lining and wear plate is a standard feature that protects the pump against wear from abrasive laden water.

The unique in-line design assures a cool running motor with heat transferred to the pumped liquid. Prosser pumps can operate in up to 140°F (60°C) temperature water and within a range of 5 to 9PH.

Before pumping fluids other than water consult the factory, giving fluid, fluid temperature, specific gravity, viscosity, capacity in USGPM and total head and/or pressure requirements, including friction loss through discharge line, fittings, valves, etc.
IMPORTANT!
1.) PUMP MAY BE OPERATED "DRY" FOR EXTENDED PERIODS WITHOUT DAMAGE TO MOTOR AND/OR SEALS.
2.) THIS PUMP IS APPROPRIATE FOR THOSE APPLICATIONS SPECIFIED AS CLASS I DIVISION II HAZARDOUS LOCATIONS. THE CONTROL SUPPLIED WITH THE PUMP IS NOT APPROPRIATE FOR HAZARDOUS LOCATIONS.
3.) THIS PUMP IS NOT APPROPRIATE FOR THOSE APPLICATIONS SPECIFIED AS CLASS I DIVISION I HAZARDOUS LOCATIONS.
4.) INSTALLATIONS SUCH AS DECORATIVE FOUNTAINS OR WATER FEATURES PROVIDED FOR VISUAL ENJOYMENT MUST BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE ANSI/NFPA 70 AND/OR THE AUTHORITY HAVING JURISDICTION. THIS PUMP IS NOT INTENDED FOR USE IN SWIMMING POOLS, RECREATIONAL WATER PARKS, OR INSTALLATIONS IN WHICH HUMAN CONTACT WITH PUMPED MEDIA IS A COMMON OCCURRENCE.

PART NO. | HP | VOLT/PH | Hz | RPM (Nom.) | NEMA START CODE | FULL LOAD AMPS | LOCKED ROTOR AMPS | CORD SIZE | CORD TYPE | MAX. CORD LENGTH
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | ---
HH SERIES PUMP w/ WATERTIGHT CONTROL
9-85034-24 | 50 | 460/3 | 60 | 3450 | G | 56.0 | 360.0 | 4/4 | SOW | 800Ft./246m
9-82535-24 | 50 | 575/3 | 60 | 3450 | G | 44.6 | 288.0 | 4/4 | SOW | 800Ft./246m

HV SERIES PUMP w/ WATERTIGHT CONTROL
9-85034-04 | 50 | 460/3 | 60 | 3450 | G | 56.0 | 360.0 | 4/4 | SOW | 800Ft./246m
9-85035-04 | 50 | 575/3 | 60 | 3450 | G | 44.6 | 288.0 | 4/4 | SOW | 800Ft./246m

Pump rated for operation at ± 10% voltage at motor.
Testing is performed with water, specific gravity 1.0 @ 68°F (20°C), other fluids may vary performance.
Controls for Series: 9-85000
NEMA 4 Watertight

**SUBMERSIBLE DWATERING PUMPS**

**CONTROL**
**NEMA 4, WATERTIGHT**

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8.00 (203)  
10.00 (254)  
4.33 (110)  
10.75 (273)