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
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 .......... Rainproof NEMA 3R. Provides with Circuit Breaker for overload and short circuit protection
OPTIONAL EQUIPMENT .......... Watertight, NEMA 4 Control. Discharge Adapters kits, Viton® Seals.
See accessory section for additional information.
50HZ DATA AVAILABLE UPON REQUEST

WARRANTY INVALID IF CORRECT PROSSER CONTROL IS NOT USED AT ALL TIMES.

WEIGHT
Pump Only - 275 lbs./ 125 kg.
Control - 12 lbs./ 5.4 kg.
Cord - 1.33 lbs/Ft / 2 kg/m

SHIPPING WT./STD. UNIT
Pump, Cord & Control
4/4 Cord 398 lbs./ 181 kg.
8.7 Cu. Ft. / .25m³

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/Rainproof Control
9-82532-43*  25  230/3  60  3450  J  65.8  464.0  4/4  SOW  400Ft./123m
9-82534-43  25  460/3  60  3450  J  32.9  232.0  4/4  SOW  875Ft./269m
9-82535-43  25  575/3  60  3450  J  26.3  185.0  4/4  SOW  1375Ft./423m

HV SERIES PUMP w/Rainproof Control
9-82532-33*  25  230/3  60  3450  J  65.8  464.0  4/4  SOW  400Ft./123m
9-82534-33  25  460/3  60  3450  J  32.9  232.0  4/4  SOW  875Ft./269m
9-82535-33  25  575/3  60  3450  J  26.3  185.0  4/4  SOW  1375Ft./423m

HH SERIES PUMP w/Optional Watertight Control
9-82532-44*  25  230/3  60  3450  J  65.8  464.0  4/4  SOW  400Ft./123m
9-82534-44  25  460/3  60  3450  J  32.9  232.0  4/4  SOW  875Ft./269m
9-82535-44  25  575/3  60  3450  J  26.3  185.0  4/4  SOW  1375Ft./423m

HV SERIES PUMP w/Optional Watertight Control
9-82532-34*  25  230/3  60  3450  J  65.8  464.0  4/4  SOW  400Ft./123m
9-82534-34  25  460/3  60  3450  J  32.9  232.0  4/4  SOW  875Ft./269m
9-82535-34  25  575/3  60  3450  J  26.3  185.0  4/4  SOW  1375Ft./423m

Pump rated for operation at ± 10% voltage at motor.  (*) 230 Volt Pumps are NOT CSA Listed

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.
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Testing is performed with water, specific gravity 1.0 @ 68°F (20°C), other fluids may vary performance.
# Submersible Dewatering Pumps

## Controls for Series: 9-82500

### NEMA 3R Rainproof & Optional NEMA 4 Watertight

### CONTROL

**NEMA 3R, RAINPROOF**

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### OPTIONAL - CONTROL

**NEMA 4, WATERTIGHT**

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