

P80/45 HP (S-4500)



Portable Electric Submersible Pumps

Model P-80A (Automatic-Separate On-Off Level Control)

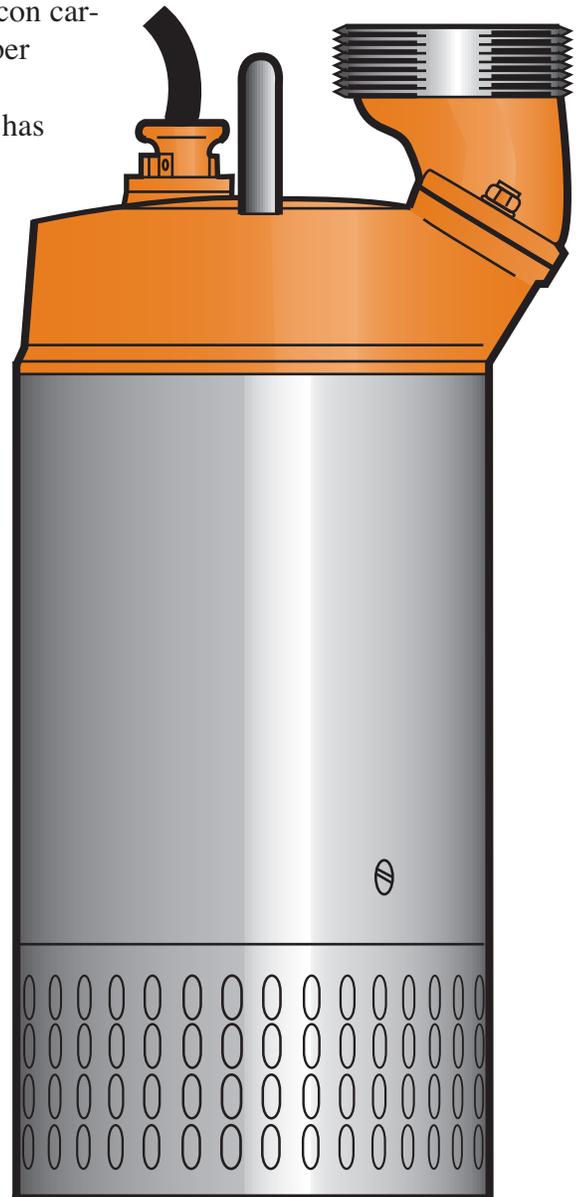
Model P-80C (Standard-Continuous Operation)

Model SX 4500 (Ex-Proof Version)

MSHA: 2G-3142A-1

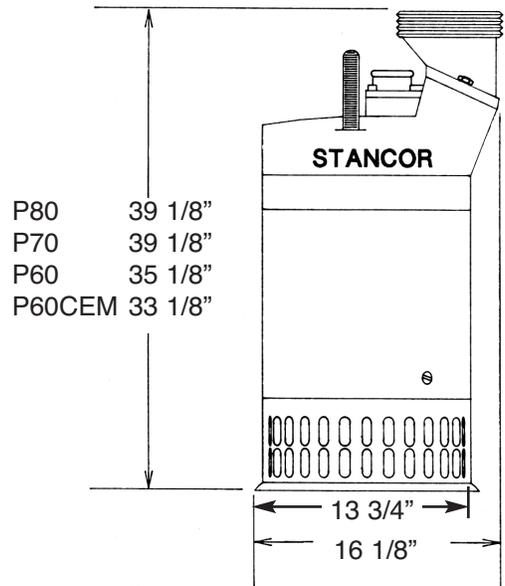
DESIGN ADVANTAGES

- **SEALING SYSTEM:** All P-80 (SX4500) units come equipped with stainless steel cartridge-type seals with solid silicone carbide vs. silicon carbide seal faces. The mechanical seals run in an oil filled chamber reducing the chance of overheating and failure.
- **THERMAL OVERLOAD PROTECTION:** Every Stancor unit has multiple thermal overload klixons wound into the stator. If the pump should overheat for any reason, the overloads shut the pump off automatically.
- **DISCHARGE LINING/DIFFUSER:** Every Stancor unit has a rubber diffuser and discharge liner as standard equipment. The liner and diffuser eliminates wear on the pump housing from abrasive action and is available in a variety of materials such as nitrile rubber, polyurethane, nylon, etc.
- **CONTACTOR:** The contactor is located in the head of the pump. Klixons are wired directly into the contactor in the pump head.
- **IMPELLERS:** Standard impellers are made of hardened stainless steel (17-4 PH) capable of withstanding both heavy abrasives and chemical attack.
- **PERFORMANCE:** Generally it can be stated that Stancor pumps provide more overall efficiency - more head and flow per horsepower.
- **COATING:** All Stancor P Series pumps can be hardcoated and teflon impregnated or electroless nickel plated for extra protection in those extremely harsh operating environments. These processes are dramatically effective and economical.
- **DESIGNED FOR USE IN:** Mines, quarries, coffer dams, construction sites, and wherever heavy duty pumping is required.



Quality You Can Believe In

Pump Construction:	
Discharge	4" & 6" NPT
Impeller Type	Semi-open Multi Vane
Strainer Opening	1/4" x 1 1/8"
Weight	320 lbs.
Height	P-80: 39 1/8"
Diameter	16 1/8"
Motor Specifications:	
Rating	45 HP
Voltage	460/575
Current (F.L. Amps)	54/42
R.P.M.	3500
Insulation Class	F
Materials of Construction:	
Housing	356-T6
Impeller	Stainless Steel
Fasteners & Strainer	Stainless Steel
Mechanical Seals	Silicon Carbide vs. Silicon Carbide
Cable	6/3 GGC SPC 50' Cable
Control	Ex-Proof (MSHA) or NEMA 4X



P80/45 HP Submersible Pump

