

## 4" HYDRAULIC SUBMERSIBLE SAND / SLURRY PUMP with AGITATOR

### MODEL S4CSL

4" (100mm) Discharge

The S4CSL pump is designed to use in applications requiring settled solids to be put into suspension and pumped with the discharge water. Primary applications include desilting ponds, lakes and streams. Other jobs may include filling sand bags to prevent beach erosion, tank and digester cleaning or pumping sediment from caissons.



## FEATURES

- Hardened Alloy Wear Parts
- Built-in Agitator for Stirring up Solids
- Variable Speed Hydraulic Drive
- Small Size Allows Pump to fit through a 17 in. Opening
- Oil Lubricated Double Seals (Can Run Dry)
- Safe Hydraulic Drive Can Be Used Where Electric Power is Hazardous or Impractical
- Wide Range Performance Curve allows use of Hydraulic Flows up to 17 GPM to Suit Application
- Operates With Our 20 HP to 30 HP Power Units or Other Hydraulic Power Sources with flows to 17 GPM

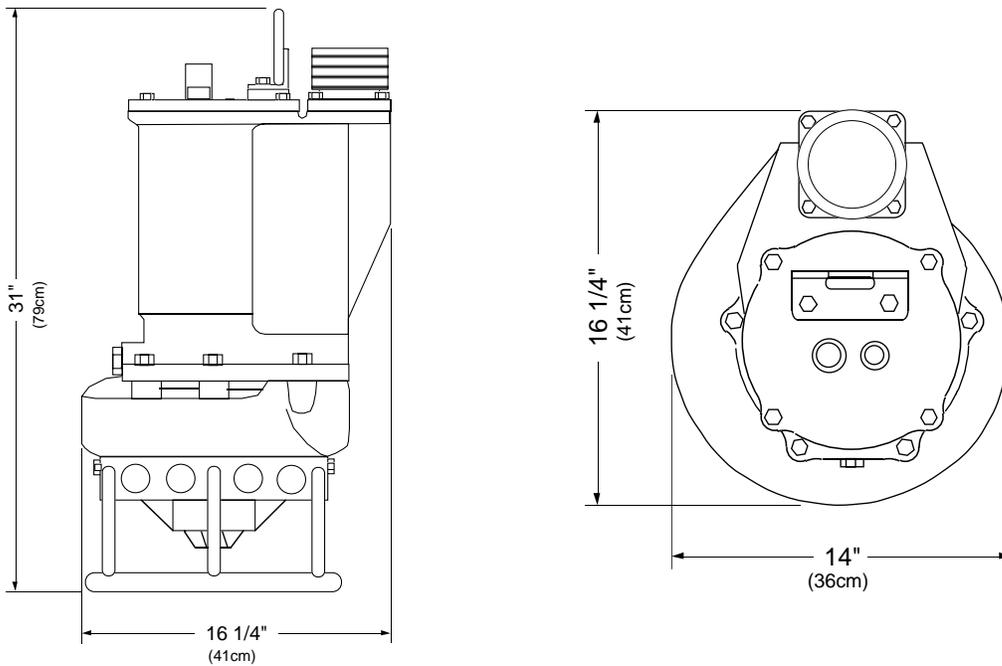
## SPECIFICATIONS

WEIGHT:.....	250 lbs. (113 kg)
HEIGHT:.....	.31" (79 cm)
DIAMETER (@ widest point):.....	16 1/4" (41cm)
DISCHARGE:.....	4" NPT
SOLIDS HANDLING:.....	1 1/2" (38 mm)
HOSE PORTS:.....	1/2" and 3/4" NPT (F)
PUMP BODY:.....	Cast Iron
IMPELLER:.....	High Chrome Alloy
WEAR PLATE.....	High Chrome Alloy
AGITATOR:.....	High Chrome Alloy
SHAFT:.....	Stainless Steel
SHAFT SEALS: (upper).....	Carbon/Ceramic
(Lower).....	Silicon Carbide
HYDRAULIC OIL:.....	214-320 s.s.u. @ 100°F (64°C)
INPUT FLOW:.....	Max 17 GPM (64 LPM)
OPERATING PRESSURE:.....	Max 2800 PSI (190 Bar)
POWER SOURCE:..	Any Open Center Hydraulic System

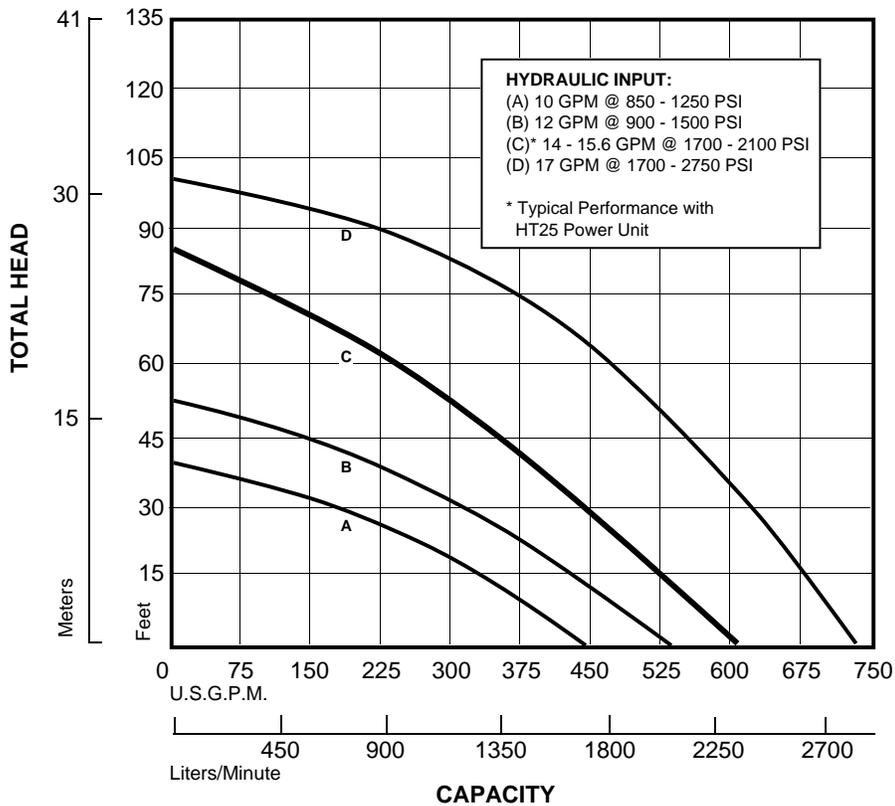
A1099

Specifications subject to change without notice.

## Model S4CSL Overall Dimensions



## S4CSL Typical Performance



Curves are based on pumping water at 60° F. For Performance Curves other than shown above, Consult Factory.