

3" HYDRAULIC SUBMERSIBLE SAND / SLURRY PUMP with AGITATOR

MODEL S3CSL

3" (75mm) Discharge

The S3CSL 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 residue from rail tank cars or barges.



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 10 GPM to Suit Application
- Operates With Our 10 HP to 20 HP Power Units or Other Hydraulic Power Sources with flows to 10 GPM

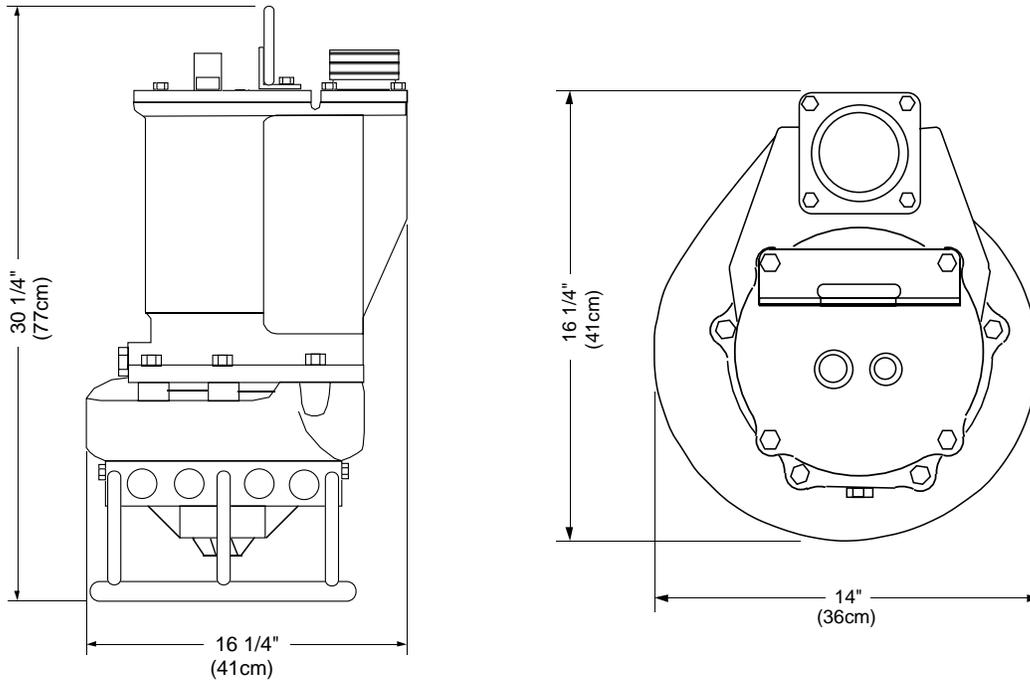
SPECIFICATIONS

WEIGHT:.....	231 lbs. (105 kg)
HEIGHT:.....	30 1/4" (77cm)
DIAMETER (@ widest point):.....	16 1/4" (41cm)
DISCHARGE:.....	3" 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:.....	304 Stainless Steel
SHAFT SEALS: (upper).....	Carbon/Ceramic
(Lower).....	Silicon Carbide
HYDRAULIC OIL:.....	214-320 s.s.u. @ 100°F (64°C)
INPUT FLOW:.....	Max 10 GPM (38 LPM)
OPERATING PRESSURE:.....	Max 3000 PSI (204 Bar)
POWER SOURCE:..	Any Open Center Hydraulic System

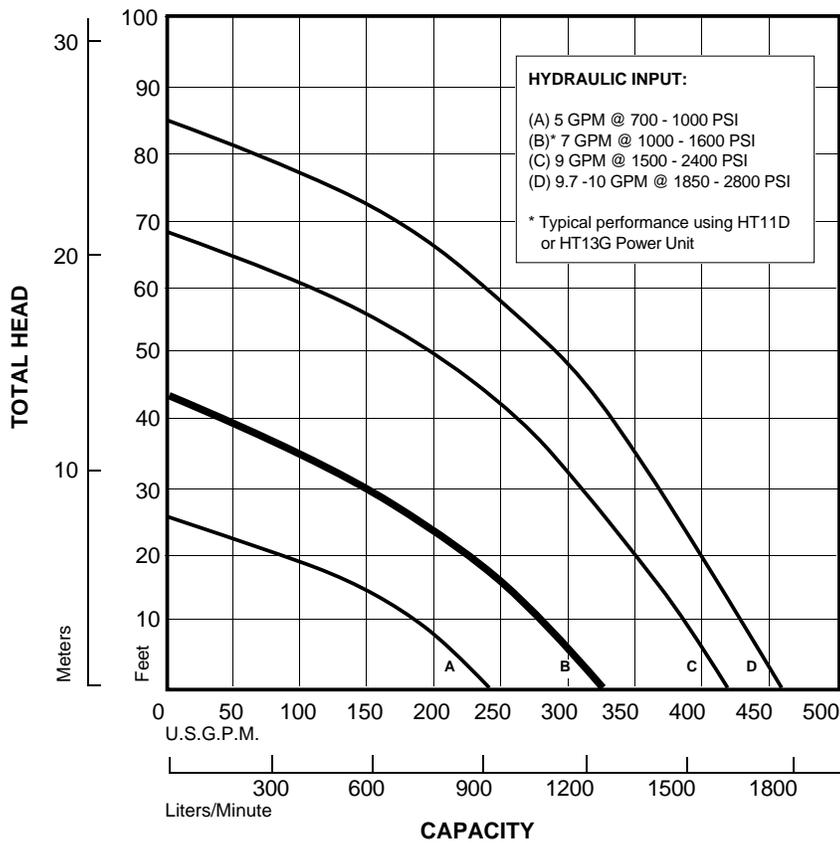
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Specifications subject to change without notice.

Model S3CSL Overall Dimensions



S3CSL Typical Performance



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