

12" HYDRAULIC SUBMERSIBLE HIGH PERFORMANCE, SOLIDS HANDLING PUMP

MODEL S6300

12" (300 mm) Discharge

The S6300 is a Highly Efficient, High Volume, Solids Handling Pump. Typical uses for this pump would be Sewer By-Pass, Barge Transfer, Municipal Waste Lagoon and Tank Pumping.



FEATURES

- **Balanced High Efficiency Two Vane Closed Channel Impeller**
- **Will Pass 5" (125 mm) Semi-Solids**
- **Oil Lubricated Silicon Carbide Seals (Can Run Dry)**
- **Variable Speed Hydraulic Drive**
- **High Efficiency Balanced Vane Hydraulic Motor**
- **Wide Range of Performance**
- **Can Be Bolted Directly Into a Pipeline**
- **Safe Hydraulic Drive Can Be Used Where Electric Power is Hazardous or Impractical**
- **Operates With Our HT100 to HT200 Power Units or Other Hydraulic Power Sources with flows up to 90 GPM**

Optional elastomers, and materials of construction available. Consult factory .

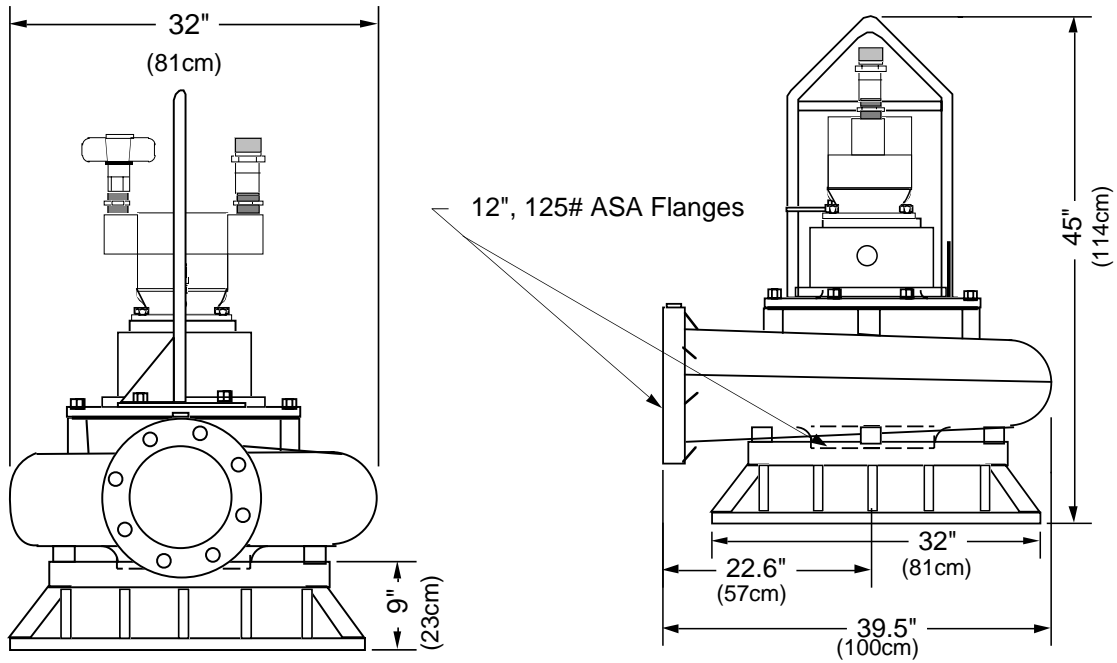
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SPECIFICATIONS

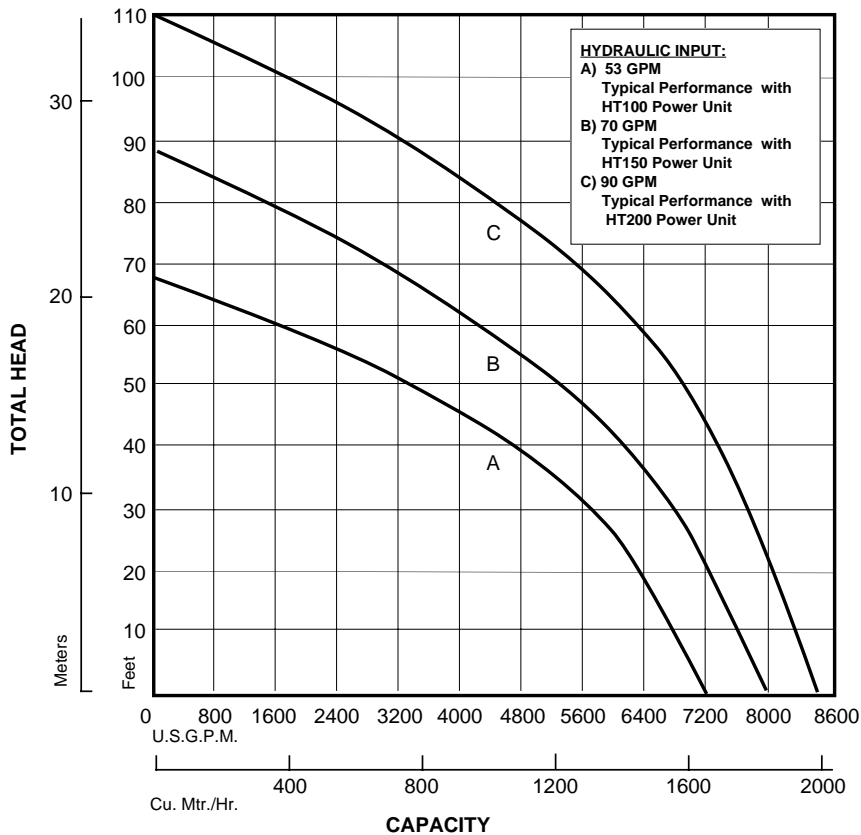
WEIGHT:.....	1020 lbs. (462 kg)
HEIGHT:.....	45" (114 cm)
WIDTH (@ widest point):.....	39.5" (100 cm)
DISCHARGE:.....	12", 125# ASA Flange
INLET:.....	12", 125# ASA Flange
SOLIDS HANDLING:.....	5" (125 mm)
HOSE PORTS:.....	1-1/4" Code 61 Flange or 1-1/2" NPT (F)
PUMP BODY:.....	Ductile Iron
IMPELLER:.....	Ductile Iron
WEAR RING.....	Ductile Iron
SHAFT:.....	17-4 PH Stainless Steel
SHAFT SEAL:.....	Silicon Carbide
ELASTOMERS:.....	Buna N (Std)
HYDRAULIC OIL:.....	214-320 s.s.u. @ 100°F (64°C)
INPUT FLOW:.....	Max 90 GPM (340 LPM)
OPERATING PRESSURE:.....	Max 2500 PSI (170 Bar)
POWER SOURCE:.....	Any Open Center Hydraulic System

Specifications subject to change without notice.

Model S6300 Overall Dimensions



S6300 Typical Performance



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