

4" HYDRAULIC SUBMERSIBLE HIGH PERFORMANCE, SOLIDS HANDLING PUMP

MODEL S6105

4" (100 mm) Discharge

The S6105 is designed for applications where high heads and the ability to handle solids is required. A typical use for this pump would be as a temporary sewage lift station where force main pressures are encountered.



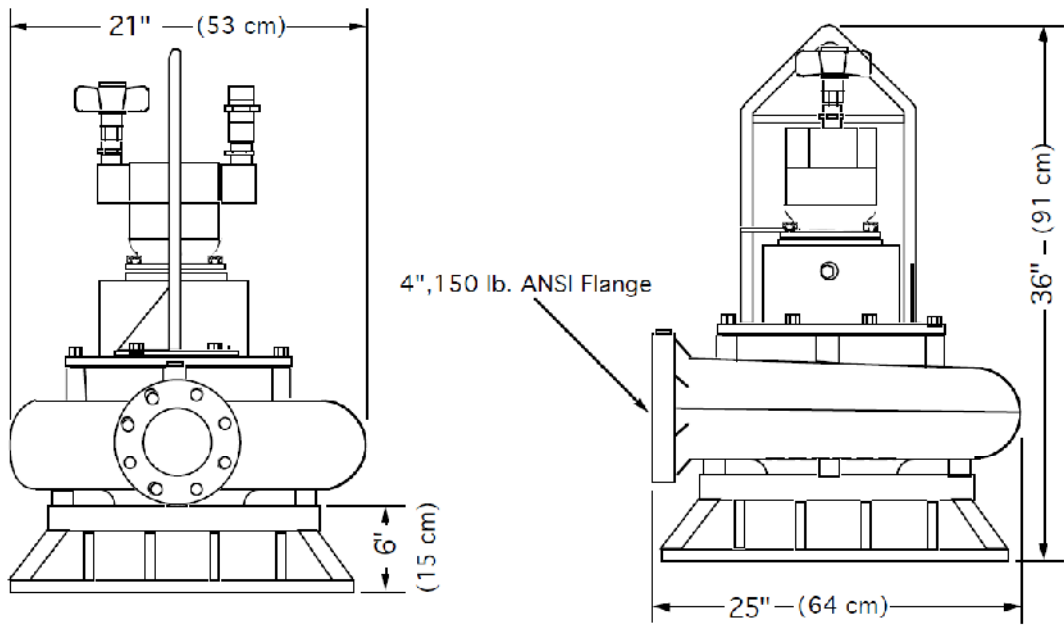
FEATURES

- Balanced High Efficiency Two Vane Closed Channel Impeller
- Will pass 3" (75 mm) semi-solids
- Variable Speed hydraulic drive provides a wide range of performance
- Oil Lubricated Seals (can run dry)
- High Efficiency Balanced Vane hydraulic motor
- Can be bolted directly into a pipeline or used as a booster pump
- Safe Hydraulic Drive can be used where electric power is hazardous or impractical
- Operates with our HT100 to HT150 power units or other hydraulic power sources capable of flows of 50 - 70 GPM

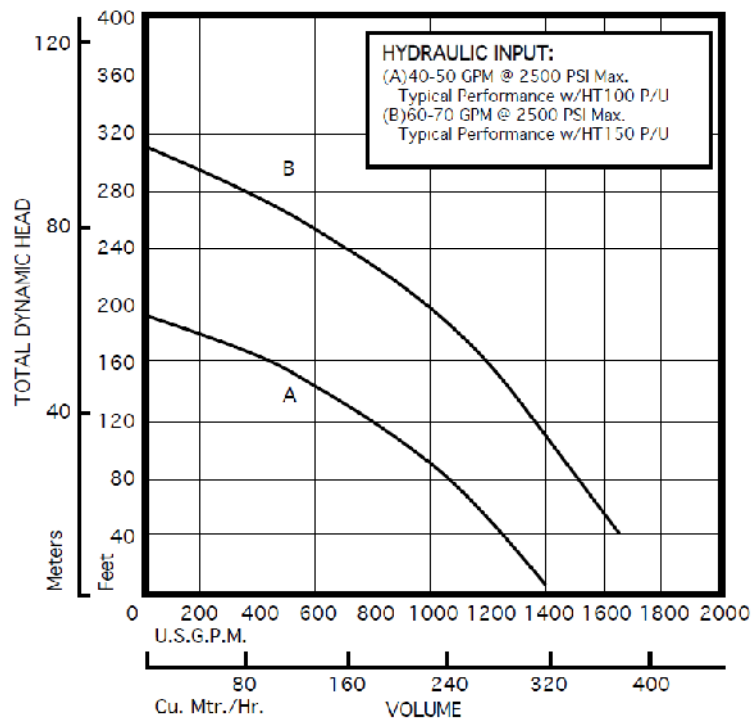
SPECIFICATIONS

WEIGHT:	605 lbs. (276 kg)
HEIGHT:	38" (91 cm)
WIDTH (@ widest point):	25" (64 cm)
DISCHARGE:	4", 150# ANSI Flange
INLET:	4", 150# ANSI Flange
SOLIDS HANDLING:	3" (75 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 70 GPM (265 LPM)
OPERATING PRESSURE:	Max 2500 PSI (170 Bar)
POWER SOURCE:	Any Open Center Hydraulic System

Model S6105 Overall Dimensions



S6105 Typical Performance



Curves are based on pumping water at 60°F. For performance curves other than shown above, consult factory.