

4" HYDRAULIC SUBMERSIBLE SOLIDS HANDLING PUMP

MODELS

S4T-2 (Ductile Iron Body)

S4TAL-2 (Aluminum Body)

4" (100 mm) Discharge

The S4T-2 and S4TAL-2 solids handling pumps are designed to be durable and lightweight yet able to pump more abrasive liquids. These pumps incorporate a larger silicon carbide mechanical seal and replaceable wear plates. The pump body can be lined with wear resistant ceramic or polyurethane coatings for even more durability.



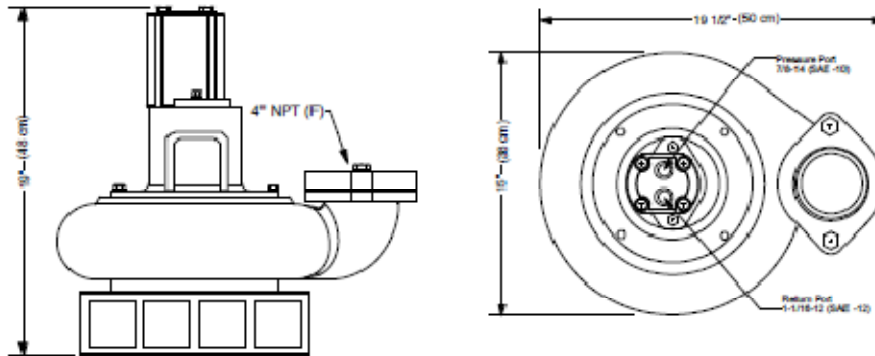
FEATURES

- 2-Vane Channel Impeller
(will pass 3" (75 mm) semi-solids)
- Variable Speed hydraulic drive
- Replaceable wear plates
- Silicon Carbide mechanical seal
- Can be bolted directly to a tank or truck
- Dependable gear type hydraulic motor
- Operates with our HT20 to HT35 power units or other hydraulic power sources capable of flows of 12 - 21 GPM

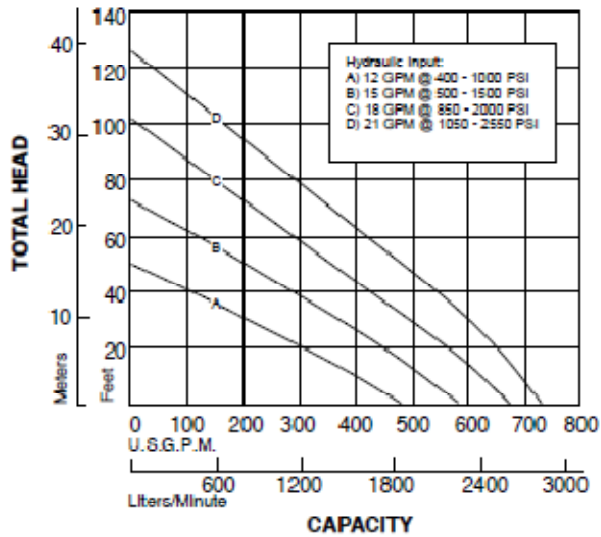
SPECIFICATIONS

WEIGHT: (Ductile Iron Body).....	108 lbs. (49 kg)
(Aluminum Body).....	82 lbs. (37 kg)
HEIGHT:.....	19" (48 cm)
WIDTH (@ widest point):.....	19-1/2" (50 cm)
DISCHARGE:.....	4" NPT(F)
INLET FLANGE:.....	4", 125# ASA
SOLIDS HANDLING:.....	3" (75 mm)
HOSE PORTS:..... (Pressure)	7/8-14 (-10) SAE
(Return)	1-1/8-12 (-12) SAE
PUMP BODY: (S4T-2).....	Ductile Iron
(S4TAL-2).....	Aluminum
IMPELLER:.....	Ductile Iron
WEAR PLATES:.....	Stainless Steel
SHAFT SEAL:.....	Silicon Carbide
ELASTOMERS:.....	Buna N (Std)
HYDRAULIC OIL:.....	2-14-320 s.s.u. @ 100°F (64°C)
INPUT FLOW:.....	Max. 21 GPM (79 LPM)
OPERATING PRESSURE:.....	Max. 2800 PSI (177 Bar)
POWER SOURCE:.....	Any Open Center Hydraulic System

Model S4T-2 Overall Dimensions



S4T-2 Typical Performance



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

