

3" HYDRAULIC SUBMERSIBLE UTILITY PUMP

MODEL S3TC (Aluminum Body)

MODEL S3TCDI (Ductile Iron Body)

3" (75 mm) Discharge

Our S3TC is a very portable and versatile utility pump designed for pumping jobs such as construction sites, manhole pumping and oil skimming. An efficient channel impeller offers excellent overall performance. This pump is offered in your choice of aluminum or ductile iron body.



FEATURES

- **Variable Speed**
- **Efficient 2 Vane Channel Impeller**
- **Oil Lubricated Seals (Can Run Dry)**
- **Dependable Gear Type Hydraulic Motor**
- **Safe Hydraulic Drive Can Be Used Where Electric Power is Hazardous or Impractical**
- **Small overall size allows for use in very tight spaces**
- **Can be bolted to Standard Pipe Flange and used as an In-Line Booster Pump**
- **Operates With Our HT11 and HT13 Power Units or Other Hydraulic Power Sources with flows of up to 8 GPM and pressures to 2500 PSI. Can also be driven by larger power units when fitted with optional flow control**

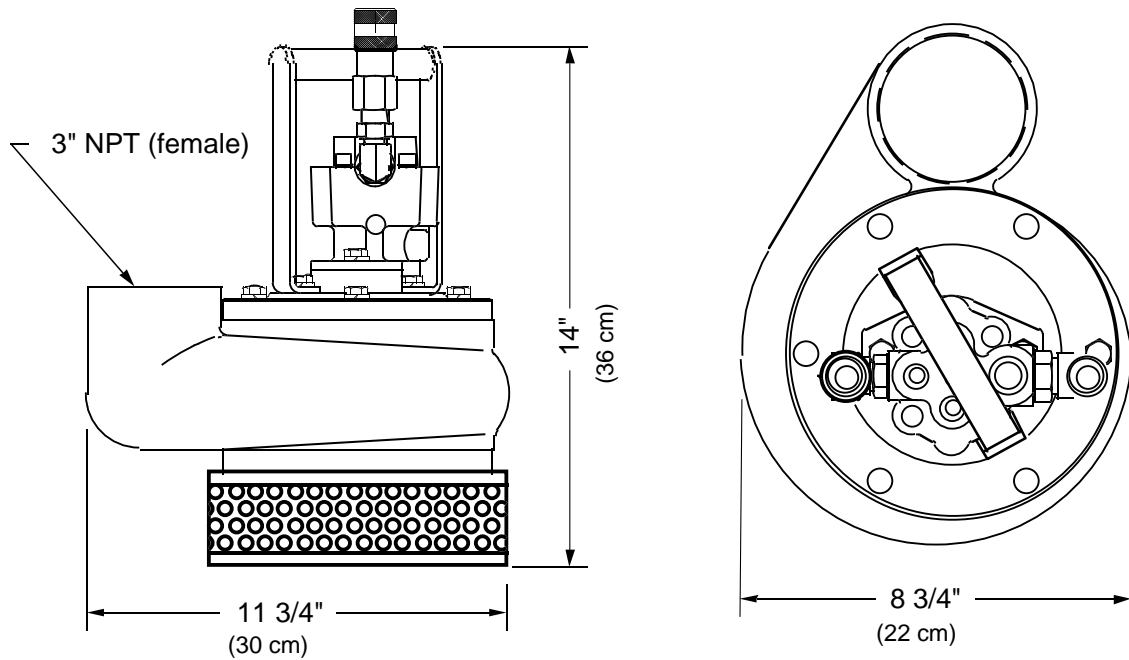
SPECIFICATIONS

WEIGHT	S3TC:.....	28 lbs. (13 kg)
	S3TCDI:.....	52 lbs. (24 kg)
HEIGHT:.....		14" (36 cm)
DIAMETER (@ widest point):.....		11 3/4" (30 cm)
DISCHARGE:.....		3" NPT(F)
INLET FLANGE:.....		3" 125# ASA
SOLIDS HANDLING:.....		3/4" (2 cm)
HOSE PORTS:.....		1/2" NPT (F)
PUMP BODY	S3TC:.....	Aluminum
	S3TCDI:.....	Ductile Iron
IMPELLER:.....		Stainless Steel
WEAR RING:.....		Ductile Iron
WEAR PLATE:.....		Steel
SHAFT:.....		Plated 4140 Steel
SHAFT SEAL:.....		Carbon/Ceramic (Std)
ELASTOMERS:.....		Buna N (Std)
HYDRAULIC OIL:.....		214-320 s.s.u. @ 100°F (64°C)
INPUT FLOW:.....		Max. 8 GPM (30 LPM)
OPERATING PRESSURE:.....		Max. 2500 PSI (170 Bar)
POWER SOURCE:.....		Any Open Center Hydraulic System

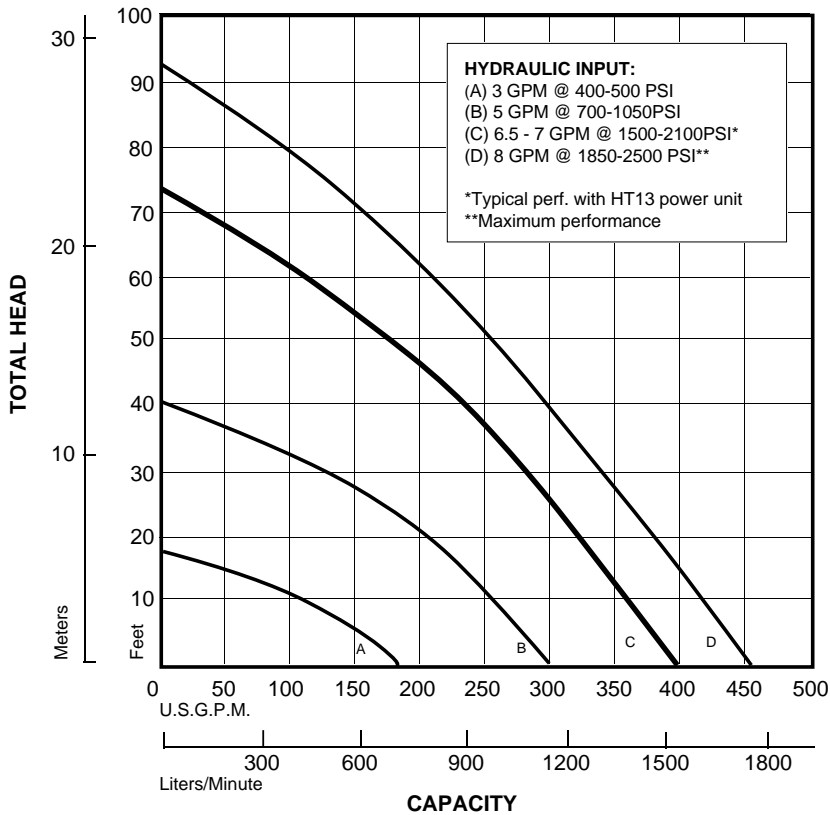
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Specifications subject to change without notice.

Model S3TC Overall Dimensions



S3TC Typical Performance



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