

## 18" HYDRAULIC SUBMERSIBLE HIGH VOLUME PUMP

### MODEL S18M

18" (450 mm) Discharge

The S18M is designed for pumping high volumes of water at low to medium heads. The mixed flow impeller allows this pump to be used in a wide range of applications including lake draining, stream by-pass, flood control, drydock, foundation and cofferdam dewatering.



## FEATURES

- **Small Overall Size** allows for use in Tight Spaces
- **High Volume Axial Flow Design**
- **Variable Speed Drive**
- **Oil Lubricated Seals**
- **High Efficiency Balanced Vane Type Hydraulic Motor**
- **Safe Hydraulic Drive Can Be Used Where Electric Power is Hazardous or Impractical**
- **Operates With Our HT100 and HT150 Power Units or Other Hydraulic Power Sources with flows of up to 70 GPM and pressures to 2500 PSI.**

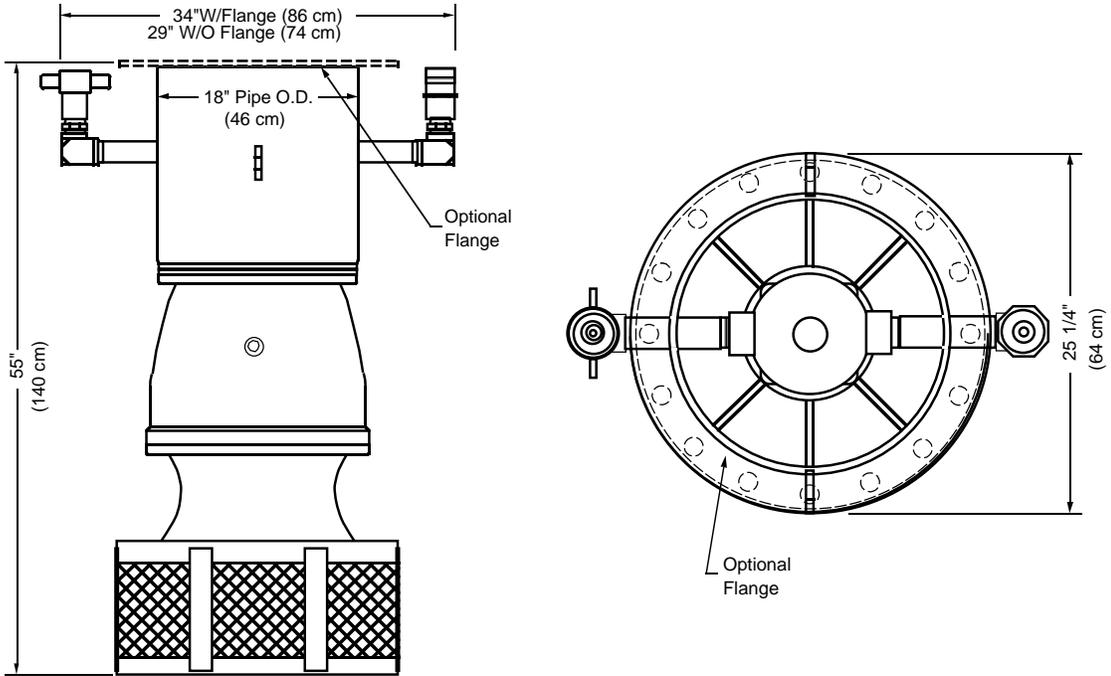
## SPECIFICATIONS

WEIGHT:..... 897 lbs. (406 kg)  
 HEIGHT:..... 55" (140 cm)  
 DIAMETER (@ widest point):..... 34" (86 cm)  
 DISCHARGE:.....18" O.D. Pipe or Flange  
 SOLIDS HANDLING:..... 1" (25 mm)  
 HOSE PORTS:.....1 1/2" NPT  
 HYDRAULIC COUPLINGS:.....1" Wing Nut Style  
 PUMP BODY:..... Cast Iron  
 IMPELLER:..... Bronze  
 SHAFT:..... Stainless Steel  
 SHAFT SEALS:..... Carbon/Ceramic (Std)  
 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. Cont. 2500 PSI (170 Bar)  
 POWER SOURCE:..... Any Open Center Hydraulic System

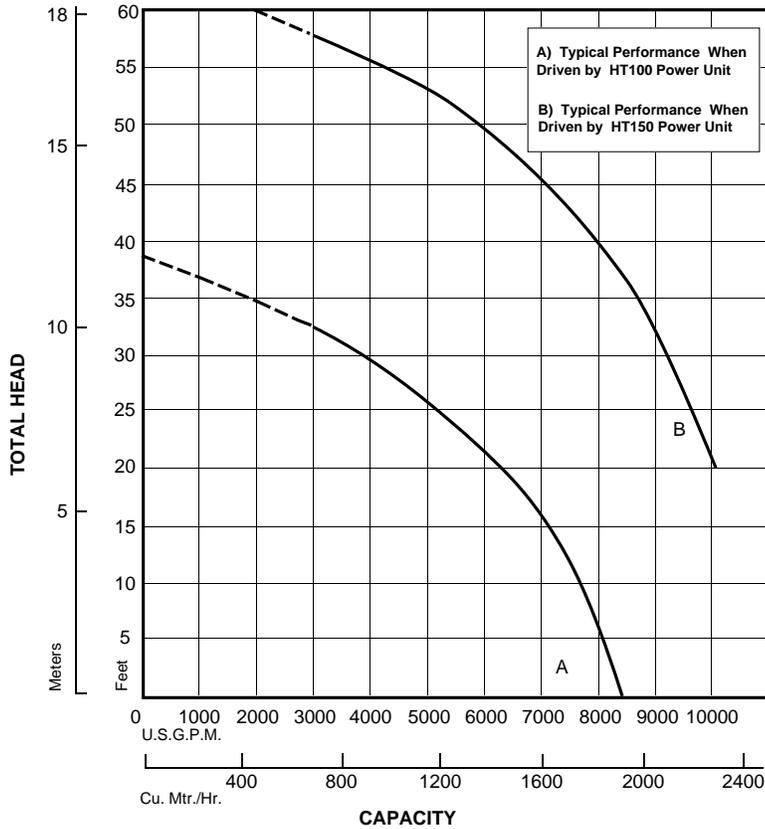
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Specifications subject to change without notice.

## Model S18M Overall Dimensions



## S18M Typical Performance



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