

# 18" HYDRAULIC SUBMERSIBLE AXIAL FLOW 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 de-watering.



## FEATURES

- High Volume Axial Flow design
- High Efficiency mixed flow impeller
- Small Overall Size allows for use in tight spaces
- Variable Speed hydraulic drive
- Oil Lubricated Seals (can run dry)
- High Efficiency Balanced Vane hydraulic motor
- 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

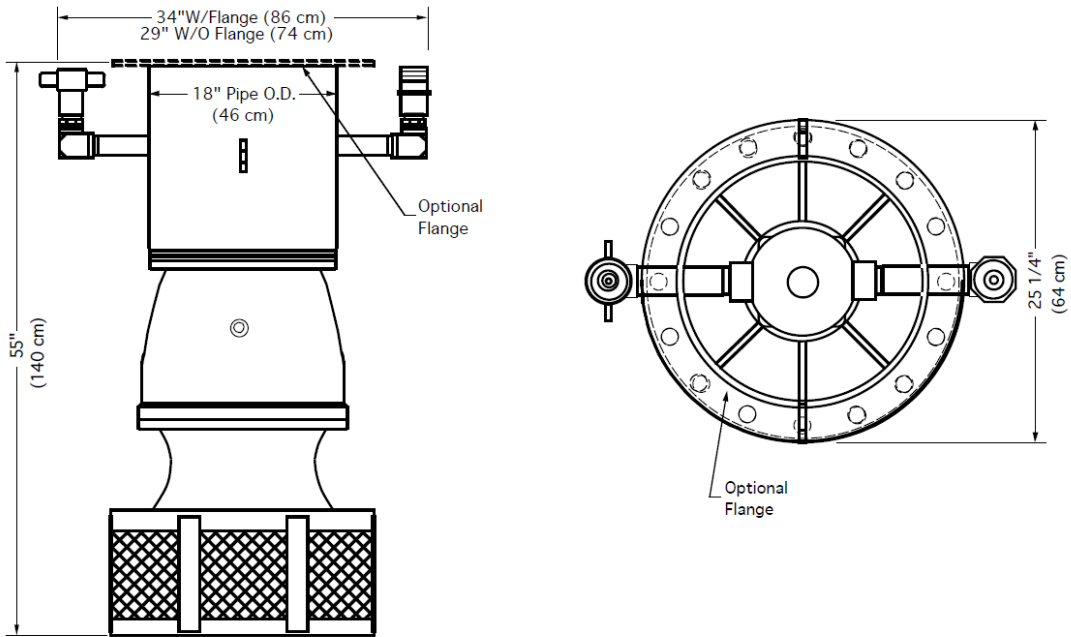
## SPECIFICATIONS

WEIGHT:.....	920 lbs. (418 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 1/2" 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

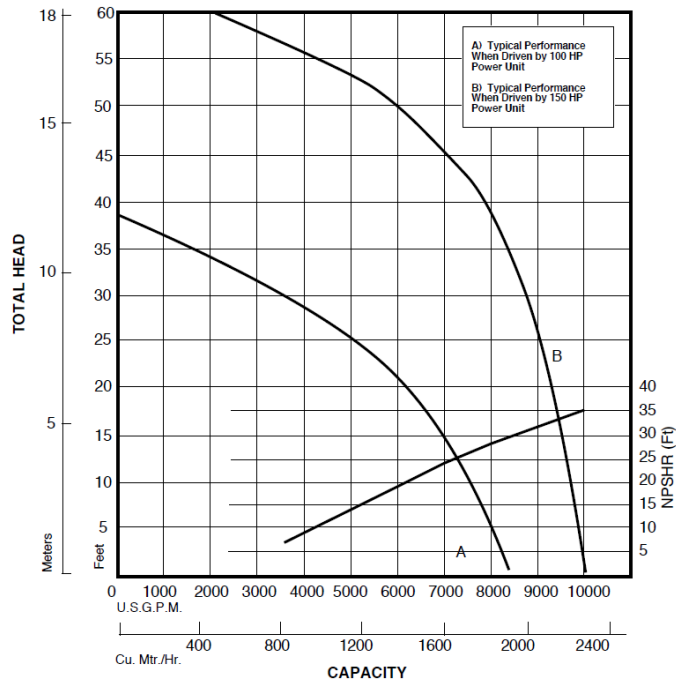
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Specifications are subject to change without notice

## 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.



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