



HYDRA-TECH PUMPS

3" HYDRAULIC SUBMERSIBLE CENTRIFUGAL SCREW PUMP

MODEL S3SCR

3" (75 mm) Discharge

The S3SCR is ideal for pumping high viscosity liquids such as crude oils, latex, molasses and refinery wastes using a positive displacement screw. When pumping lighter materials, the impeller acts as a centrifugal type providing high capacity. Typical uses include oil skimmers and cargo pumping.



FEATURES

- Unique Centrifugal Screw Impeller for pumping of liquids with viscosities to 25,000 CST
- Small Overall Size allows for use in confined spaces
- Oil Lubricated Seals (can run dry)
- Can be used inline as a booster pump
- Safe Hydraulic Drive can be used where electric power is hazardous or impractical
- Optional ceramic coated case for abrasion resistance
- Operates with our HT10 to HT25 power units or other hydraulic power sources capable of flows of 6 - 11 GPM

SPECIFICATIONS

WEIGHT:..... 43 lbs. (20 kg)
 HEIGHT:..... 16 1/2" (42 cm)
 WIDTH (@ widest point):..... 9 1/4" (23.5 cm)
 DISCHARGE:..... 3" NPT (F)
 INLET FLANGE:..... 3" 125# ASA
 SOLIDS HANDLING:..... 1 1/2" (38 mm)
 HOSE PORTS:..... 1/2" JIC (M)
 PUMP BODY:..... Heat Treated Aluminum
 IMPELLER / SCREW:..... CD4MCU Stainless Steel
 SUCTION CASE:* Heat Treated Aluminum
 ELASTOMERS:..... Buna N (Std)
 HYDRAULIC OIL:..... 214-320 s.s.u. @ 100°F (64°C)
 INPUT FLOW:..... Max. 11 GPM (42 LPM)
 OPERATING PRESSURE:.. Max. 3000 PSI (204 Bar)
 POWER SOURCE:.. Any Open Center Hydraulic System

* Optional ceramic coating available

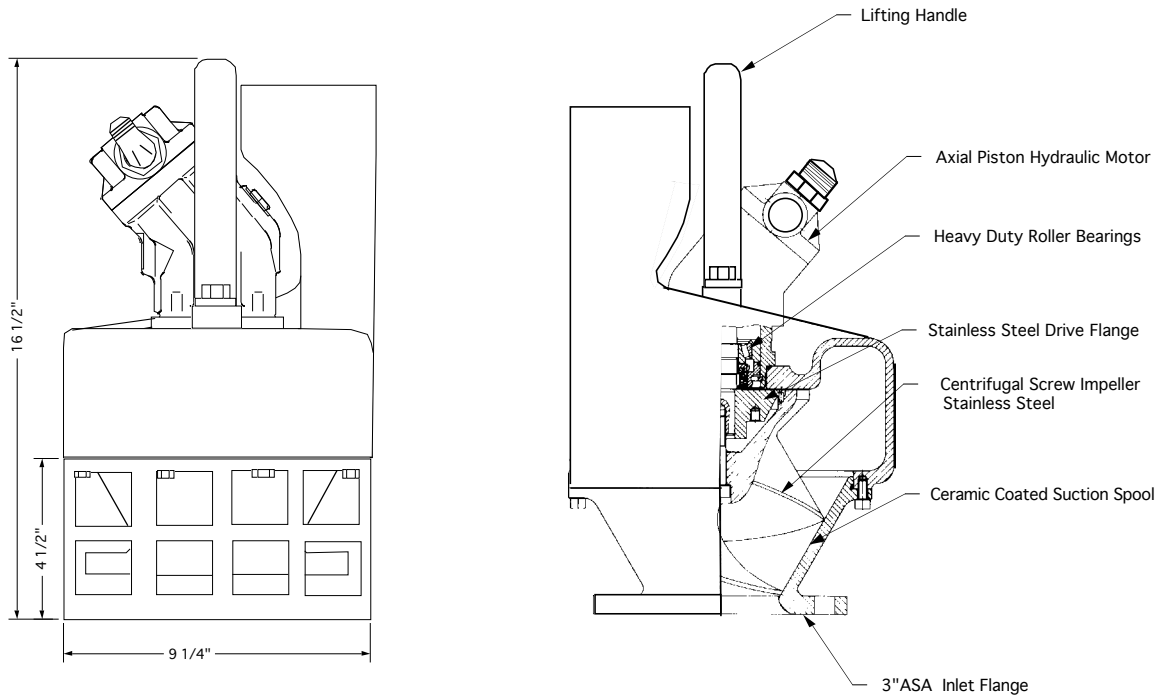
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Specifications are subject to change without notice

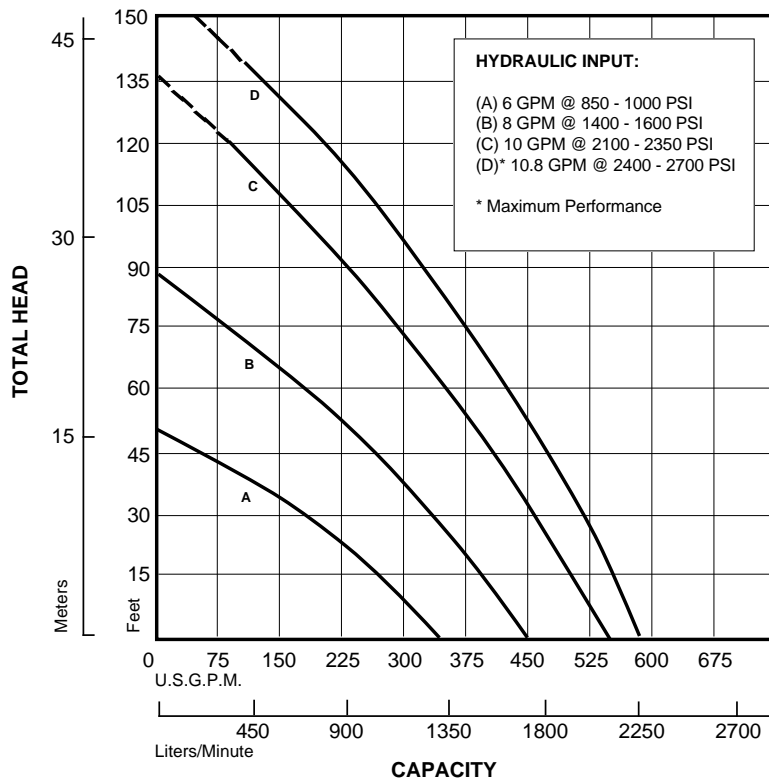


167 Stock Street, Nesquehoning, PA 18240 Phone: 570-645-3779 Fax: 570-645-4061
Website: www.hydra-tech.com E-Mail: htpump@hydra-tech.com

Model S3SCR Overall Dimensions



S3SCR Typical Performance



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



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