

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.



CE

FEATURES

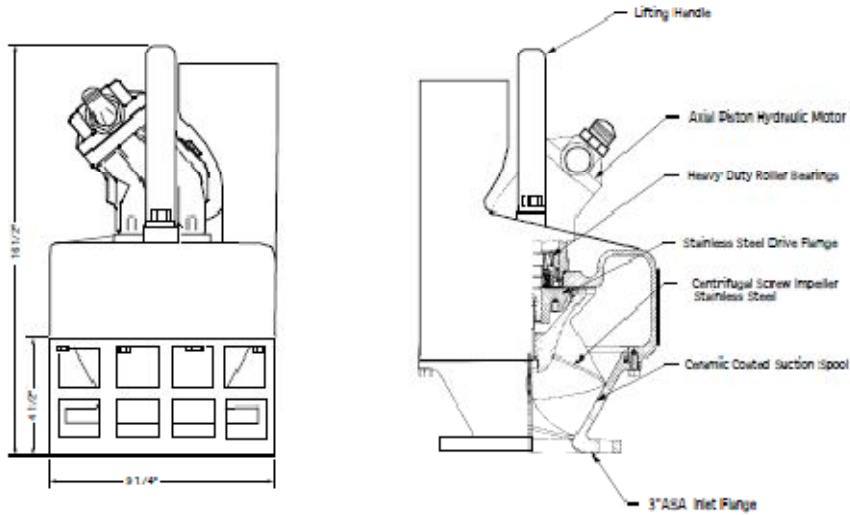
- Unique Centrifugal Screw Impeller for pumping of liquids with viscosities to 25,000 CST
- Small Overall Size allows for use in confined spaces
- Oil Lubricated Seals (can run dry)
- Can be used inline as a booster pump
- Safe Hydraulic Drive can be used where electric power is hazardous or impractical
- 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

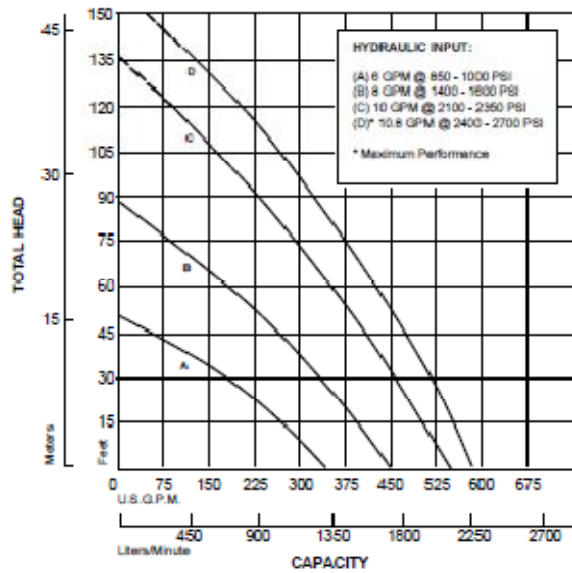
WEIGHT:	43 lbs. (20 kg)
HEIGHT:	16 1/2" (42 cm)
WIDTH (@ widest point):	9 1/4" (23.5 cm)
DISCHARGE:	3" NPT (F)
INLET FLANGE:	3" 125# ASA
SOLIDS HANDLING:	1 1/2" (38 mm)
HOSE PORTS:	1/2" JIC (M)
PUMP BODY:	Heat Treated Aluminum
IMPELLER / SCREW:	CD4MCU Stainless Steel
SUCTION CASE:*	Heat Treated Aluminum
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

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.