

# 3" HYDRAULIC SUBMERSIBLE HIGH PERFORMANCE PUMP

## MODEL S3CHL

3" x 2" (75 mm x 50 mm)

The S3CHL is ideal where small size, yet high performance pumping is required. The 1 1/4 in. diameter size and intrinsically safe hydraulic drive allow this pump to be installed in areas previously considered inaccessible. Applications include portable firefighting, mine and deepwell de-watering, barge and ship cargo pumping, tank stripping, irrigation, piling and dock jetting, and in-line booster pumping.



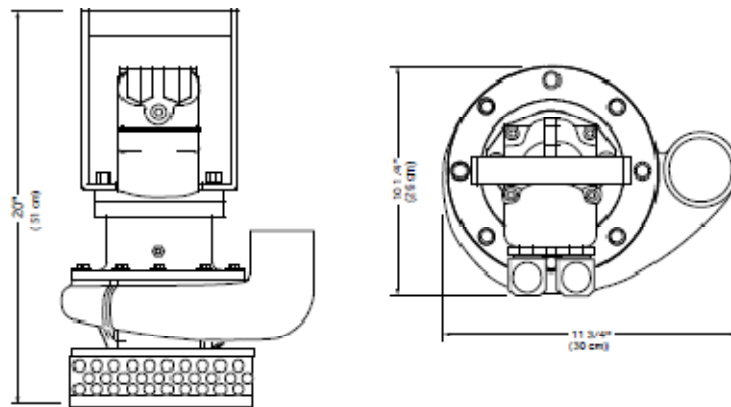
## FEATURES

- Compact, Powerful pump for High-Head applications
- Will Pass Through a 12 in. "Butterworth" opening or Deepwell Casing
- Oil Lubricated Seals (can run dry)
- Variable Speed hydraulic drive
- Wide Range of performance
- Can be bolted directly into a pipeline
- Safe Hydraulic Drive can be used where electric power is hazardous or impractical
- High Efficiency piston hydraulic motor
- Operates with our HT50 to HT100 power units or other hydraulic power sources with flows of 15 - 30 GPM

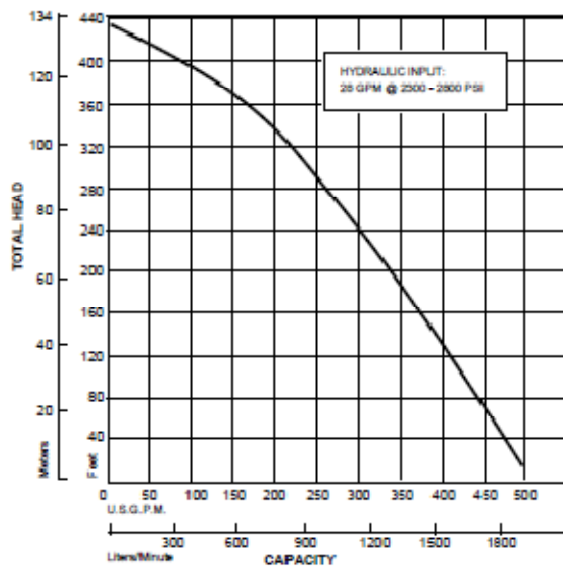
## SPECIFICATIONS

WEIGHT:	88 lbs. (40 kg)
HEIGHT:	20" (51 cm)
WIDTH(@ widest point):	11 3/4" (30 cm)
DISCHARGE:	2" NPT(F)
INLET FLANGE:	3" 125# ASA
HOSE PORTS:	3/4" SAE (-12) or NPT(F)
PUMP BODY:	Ductile Iron
IMPELLER:	Bronze
WEAR RINGS:	(2) Bronze
SHAFT:	Stainless Steel
SHAFT SEAL:	Carbon / Ceramic (Std)
ELASTOMERS:	Buna N (Std)
HYDRAULIC OIL:	SAE 10W or 20W Type AW also: Dexron ATF or Biodegradable Oil
INPUT FLOW:	Max. 30 GPM (114 LPM)
OPERATING PRESSURE:	Max. 3500 PSI (238 Bar)
POWER SOURCE:	Any Open Center Hydraulic System

### Model S3CHL Overall Dimensions



### S3CHL Typical Performance



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