HYDRA-TECH PUMPS

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 11 3/4 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.

CE

FEATURES

- Compact, Powerful pump for High-Head applications
- Variable Speed hydraulic drive
- Oil Lubricated Seals (can run dry)
- Will pass through a 12 inch "Butterworth" opening or Deepwell Casing
- Can be bolted directly to a tank or truck
- 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 capable of flows of 15-30 GPM
- Stainless Steel & Aluminum models available

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: ..... Dextron 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

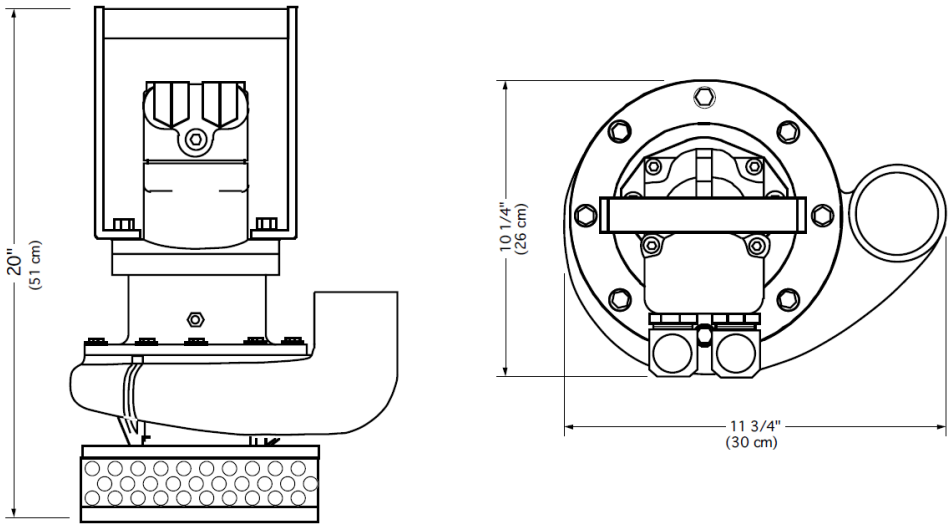
D0516

Specifications are subject to change without notice

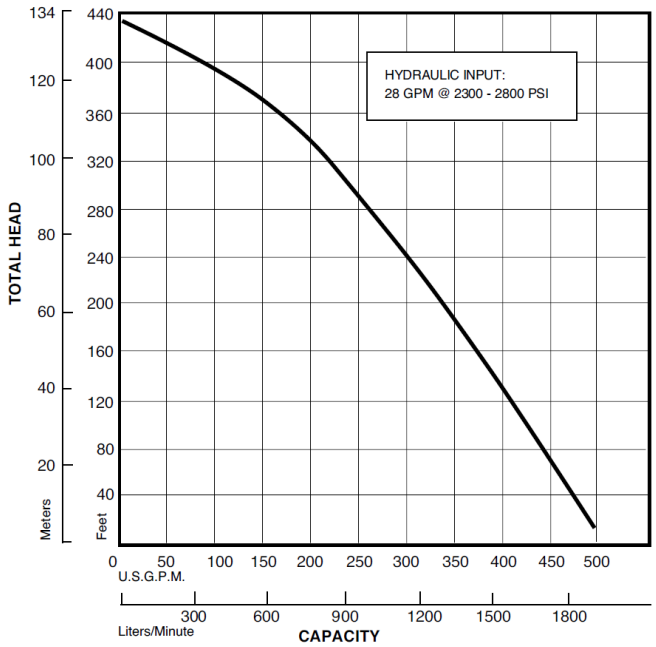
HYDRA-TECH PUMPS

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 S3CHL Overall Dimensions



S3CHL Typical Performance



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

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Since 1977

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