

# 1 1/4" SLIM LINE HYDRAULIC SUBMERSIBLE PUMP

## MODEL S310

1 1/4" (32 mm) Discharge

The S310 pump is designed to fit into small spaces such as 4" well casings, transformer vaults and bilges. Typical jobs may include blast hole dewatering, ground water evacuation and sampling, utility manholes and marine vessel compartment pumping.



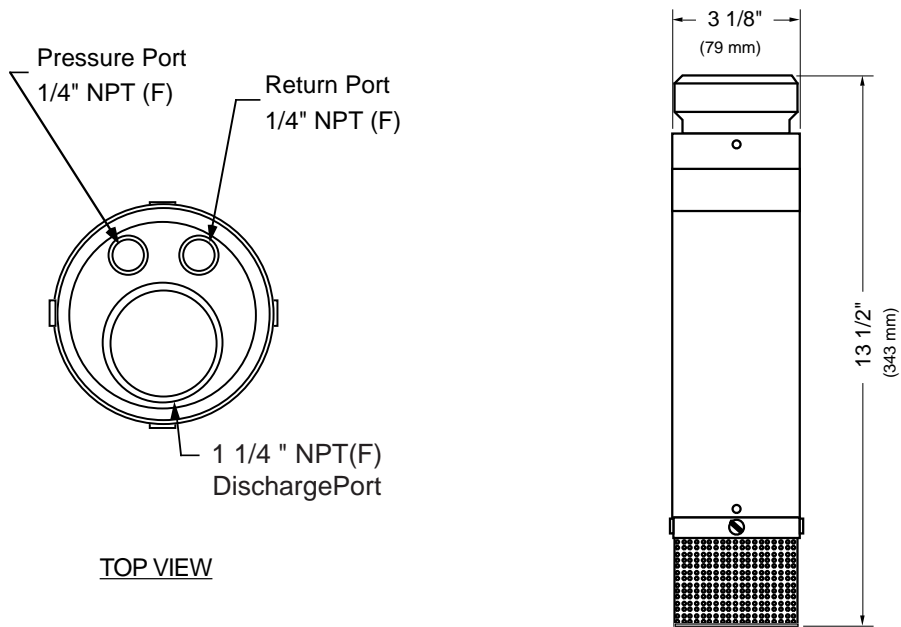
## FEATURES

- Slim Line Design fits Through 4" Openings
- Efficient Semi-Open Impeller
- Variable Speed Hydraulic Drive
- Rugged and Reliable Gear Motor
- Safe Hydraulic Drive Can Be Used Where Electric Power is Hazardous or Impractical
- Operates With Our Gas, Diesel or Electric Drive Hydraulic Power Units or any open center power source with output flows to 5 GPM.
- Optional all Stainless Steel Version Available

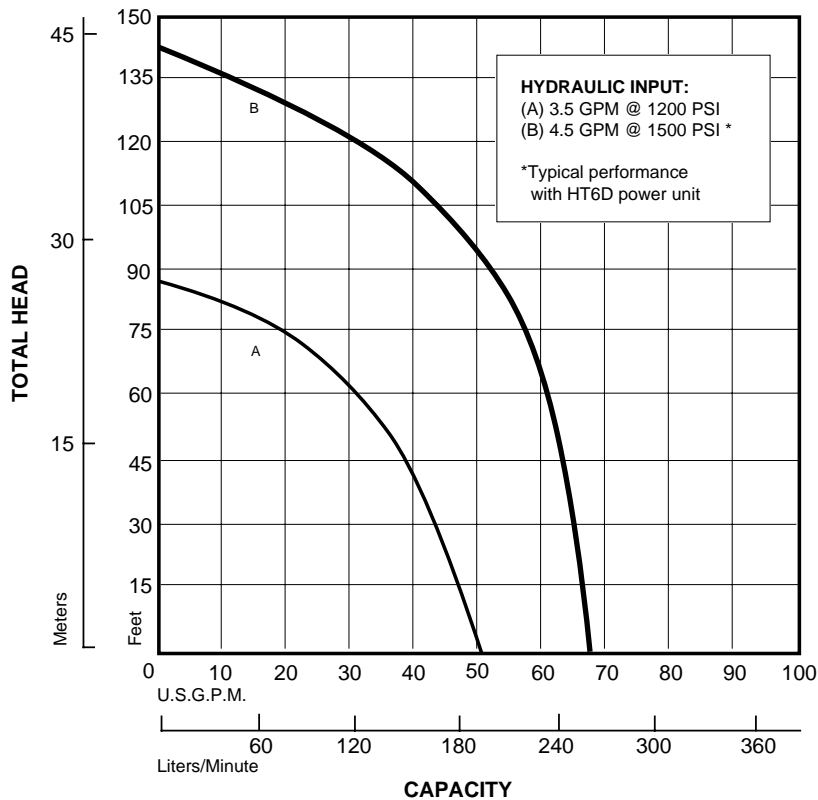
## SPECIFICATIONS

WEIGHT:	9 lbs. (4 kg)
HEIGHT:	13 1/2" (343 mm)
DIAMETER:	3 1/8" (79 mm)
DISCHARGE:	1 1/4" NPT(F)
HOSE PORTS:	1/4" NPT (F)
PUMP CASING:	Stainless Steel
IMPELLER:	Stainless Steel
SHAFT:	Stainless Steel
MOTOR HOUSING:	Aluminum
SUCTION/DISCHARGE HOUSINGS:	Aluminum
SHAFT SEAL:	Carbon/Ceramic (Std)
ELASTOMERS:	Buna N (Std)
HYDRAULIC OIL:	214-320 s.s.u. @ 100°F (64°C)
INPUT FLOW:	Max. 5 GPM (19 LPM)
OPERATING PRESSURE:	Max: 1500PSI (102 Bar)
POWER SOURCE:	Any Open Center Hydraulic System

## Model S310 Overall Dimensions



## S310 Typical Performance



Curves are based on pumping water at 60° F. For Performance Curves other than shown above, Consult Factory.