

# 1 1/4" HYDRAULIC SUBMERSIBLE SLIM-LINE PUMP

## MODEL

**S310**

1 1/4" (3 cm) 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 de-watering, ground water evacuation and sampling, utility manholes and marine vessel compartment pumping. Heads to 190 feet.



## FEATURES

- Slim Line Design fits Through 4" Openings
- Efficient Semi-Open Impeller
- Oil Lubricated Seals (can run dry)
- Variable Speed hydraulic drive
- Dependable gear type hydraulic motor
- Available in all Stainless Steel (S310SS)
- Safe Hydraulic Drive can be used where electric power is hazardous or impractical
- Operates with our HT6 to HT13 power units or other hydraulic power sources capable of flows to 6 GPM
- 2 -3 Stage Impeller Models Available

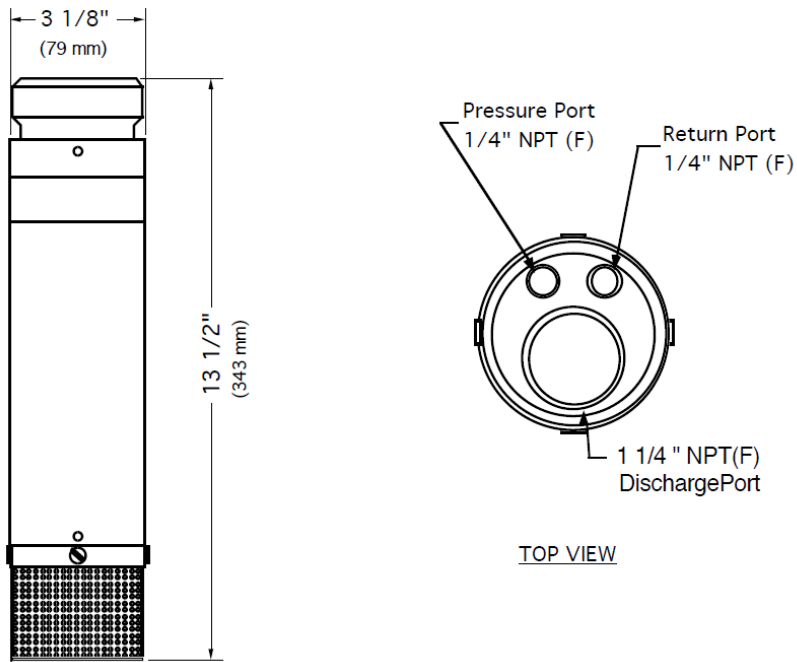
## SPECIFICATIONS

WEIGHT:	9 lbs. (4 kg)
HEIGHT:	13 1/2" (34 cm)
DIAMETER:	3 1/8" (8 cm)
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. 6 GPM (23 LPM)
OPERATING PRESSURE:	Max: 1800 PSI (122 Bar)
POWER SOURCE:	Any Open Center Hydraulic System

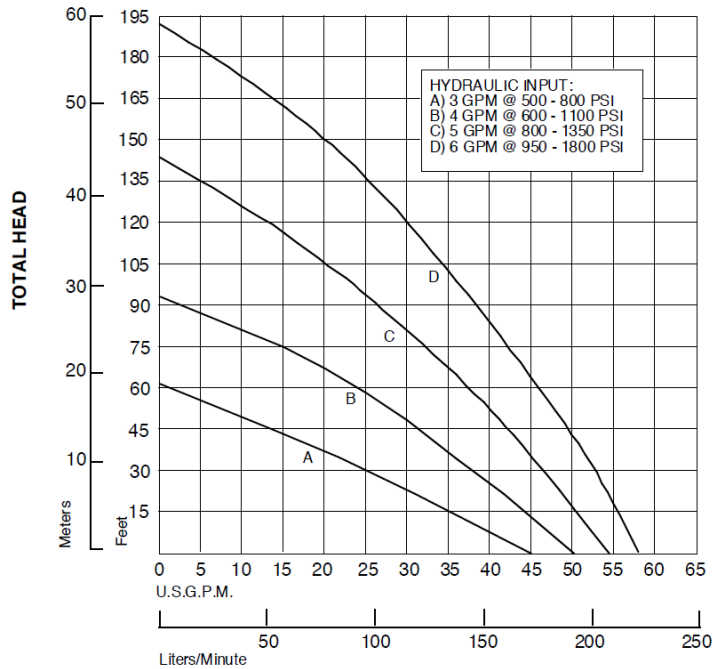
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Specifications are subject to change without notice

## 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.