4" HYDRAULIC SUBMERSIBLE SLUDGE / SLURRY PUMP

MODELS
S4VHL (Aluminum Body)
S4VHLDI (Ductile Iron
Body) 4" (10 cm) Discharge

The S4VHL is designed to handle wastewater and sewage and will fit through a 20" diameter manhole . Primary uses for this pump are: Sewer by-pass into force mains and general transfer of solids laden fluids. This versatile pump is offered in aluminum or ductile iron construction. Shut off head at 200 feet.

CE

FEATURES

- Small Overall Size allows pump to fit through a 20" diameter opening

- Oil Lubricated Seals (can run dry)

- Tungsten Carbide Coated wear parts as an option

- Fully Recessed SS Vortex Impeller (will pass 3" semi-solids), SS wear rings & wear plate

- Can be bolted directly into a pipeline or fitted with a suction hose for underwater dredging

- Safe Hydraulic Drive can be used where electric power is hazardous or impractical

- Dependable gear type hydraulic motor

- Operates with our HT25 to HT60 power units or other hydraulic power sources capable of flows of 14 - 25 GPM
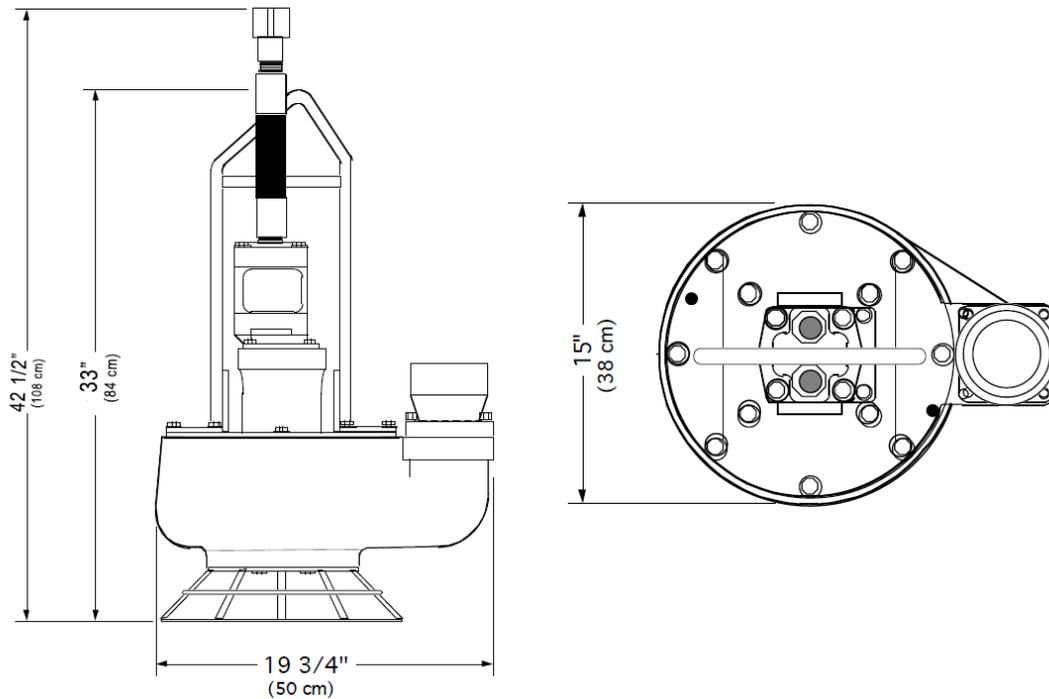
- Stainless Steel model available

D0516

SPECIFICATIONS

WEIGHT: (Aluminum)	165 lbs. (75 kg)
(Ductile Iron)	265 lbs. (120 kg)
HEIGHT:	42 1/2" (108 cm)
WIDTH(@ widest point):	19 3/4" (50 cm)
DISCHARGE:	4", NPT(F)
INLET FLANGE:	4", 125# ASA
SOLIDS HANDLING:	3" (8 cm)
HOSE PORTS:	1" (-16) SAE
PUMP BODY: (S4VHL)	Heat Treated Aluminum
(S4VHLDI)	Ductile Iron
IMPELLER:	Stainless Steel
WEAR RING and WEAR PLATE	Stainless Steel
SHAFT:	Stainless Steel
SHAFT SEAL:	Carbon/Ceramic (Std)
	Silicon Carbide (Optional)
ELASTOMERS:	Buna N (Std)
HYDRAULIC OIL:	214-320 s.s.u. @ 100°F (64°C)
INPUT FLOW:	Max 25 GPM (95 LPM)
OPERATING PRESSURE:	Max 3000 PSI (204 Bar)
POWER SOURCE:	Any Open Center Hydraulic System

Specifications are subject to change without notice

HYDRA-TECH
P U M P S
Since 1977

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Model S4VHL Overall Dimensions

42 1/2" (108 cm)
33" (84 cm)
15" (38 cm)
19 3/4" (50 cm)

S4VHL Typical Performance

HYDRAULIC INPUT:
A) *14 GPM @ 800 - 2600 PSI
B) 16 -18 GPM @ 1300 - 2900 PSI
C) 18 -20 GPM @ 1500 - 2900 PSI
D) **15 -25 GPM @ 2500 - 2900 PSI

* Typical perf. with HT25 Power Unit
** Typical perf. with HT60 Power Unit

TOTAL HEAD

Meters | Feet

U.S.G.P.M.

Liters/Minute

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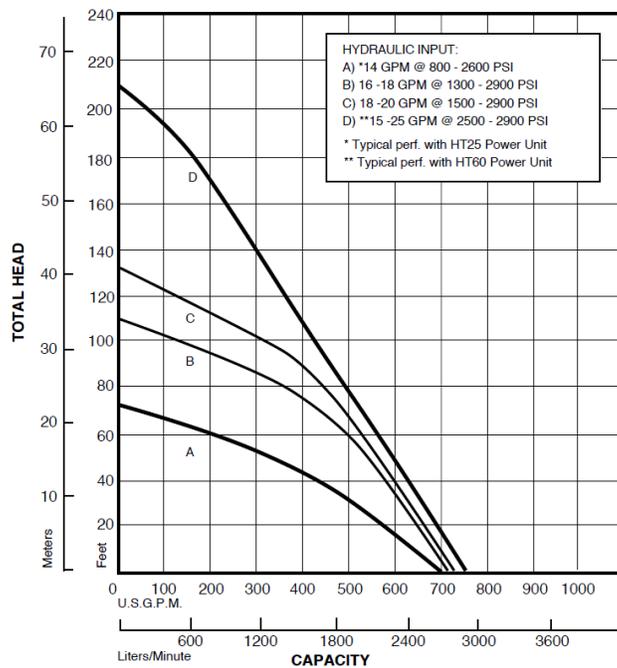
Curves are based on pumping water at 60°F. For performance curves other than shown above, consult factory.