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.

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

SPECIFICATIONS

WEIGHT: (Aluminum)............................. 166 lbs. (75 kg)
(Ductile Iron).............................. 265 lbs. (120 kg)
HEIGHT:...................................................... 33” (84 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)
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.
Model S4VHL Overall Dimensions

S4VHL Typical Performance

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