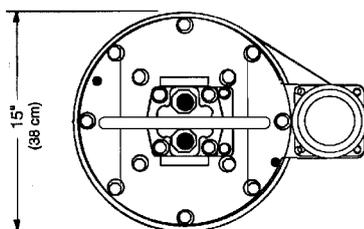
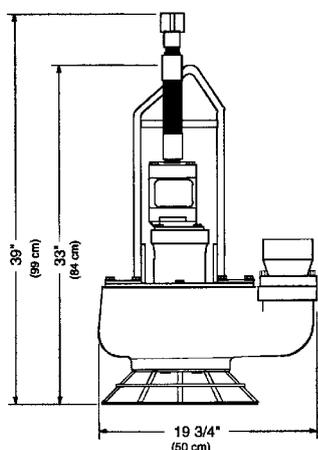


DEWATERING HYDRAFLOW DATA SHEET

S4VHL 100MM HYDRAULIC SUBMERSIBLE WASTEWATER PUMP

The SPP HYDRAFLOW S4VHL Hydraulic Drive Submersible Pump is designed to handle wastewater and sewerage and will pass through a 50cm dia 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 aluminium or ductile iron construction.

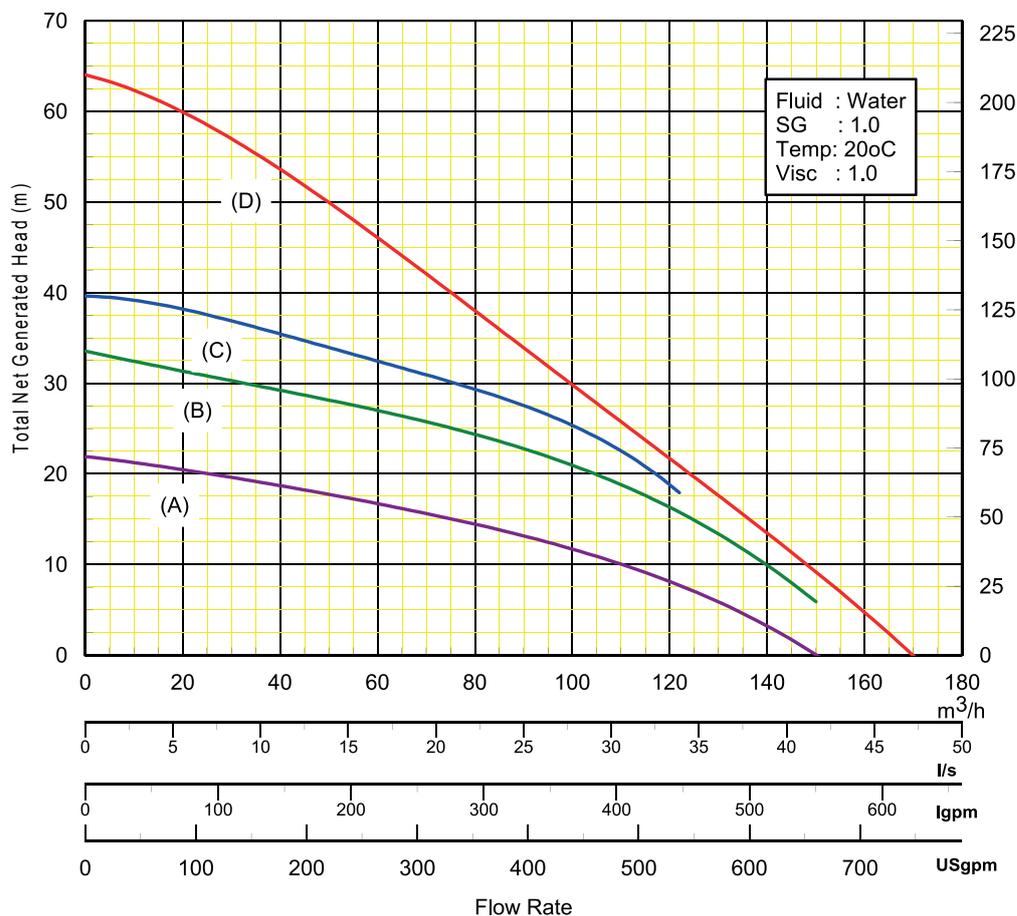


DESIGN FEATURES

- Small overall size allows pump to fit through a 500mm opening.
- Fully Recessed Vortex Impeller will pass 75mm semi-solids.
- Lightweight Aluminium or Ductile Iron Construction.
- Variable Speed Hydraulic Drive with a wide Range of Performance.
- Wide range of performance.
- Oil lubricated seals - pump can run dry.
- Can be bolted directly into a Pipeline or fitted with a suction house for vacuuming underwater.
- Safe Hydraulic Drive can be used where electric power is hazardous or impractical.
- Operates with our HT35D, HSQ35D, HT50D or HT60D Hydraulic Power Units or any open centre power source with output flows to 95 l/m.

DEWATERING

HYDRAFLOW DATA SHEET



Hydraulic Input: (A) 53 l/m @ 179 bar (B) 68 l/m @ 200 bar
(C) 76 l/m @ 200 bar (D) ** 95 l/m @ 200 bar
** Typical Performance with HT60D

HYDRAULIC SUBMERSIBLE PUMP

PUMP TYPE	S4VHL
BRANCH SIZES	Suction: 100mm x Disch: 100mm
IMPELLER	Vortex
SOLIDS HANDLING	80mm diameter
HYDRAULIC MOTOR	Gear
INPUT - HYDRAULIC FLOW	95 l/m
INPUT - HYDRAULIC PRESSURE	200 bar
HYDRAULIC OIL	ISO 46
HYDRAULIC OIL TEMPERATURE	Max 140°F

PUMP SPECIFICATIONS

FLOW RATE	170 m³/h Maximum
DISCHARGE HEAD	63 m Maximum
WEIGHT	DI - 134kg or AL - 72 kg
HEIGHT	840 mm
MAX DIAMETER	500 mm
MAX SOLIDS SIZE	75 mm Diameter
HOSE PORT	1" SAE
SUCTION FLANGE	4" 125# ASA
DISCHARGE PORT	4" NPT F
POWER SOURCE	HT35D, HSQ35D, HT50D or HT60D
PUMP CASING	Ductile Iron or HT Aluminium
IMPELLER	Ductile Iron
WEAR RING &/OR PLATE	Stainless Steel
SHAFT	Stainless Steel
SHAFT SEAL - STANDARD	Carbon Ceramic
ALTERNATIVE SEAL	Silicon Carbide
ELASTOMERS - STANDARD	Buna (N)
HYDRAULIC OIL	214-320 s.s.u. @ 64 Deg. C
INPUT FLOW	95l/m Maximum
OPERATING PRESSURE	200 bar Maximum