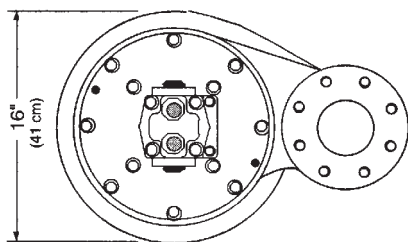
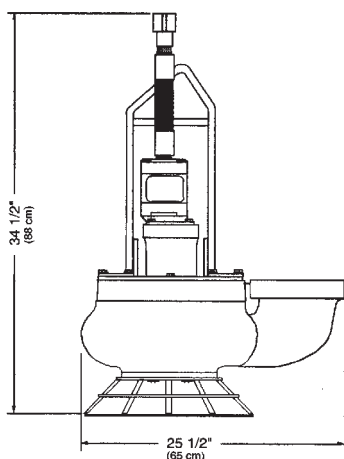


DEWATERING HYDRAFLOW DATA SHEET

S4THL 100MM HYDRAULIC SUBMERSIBLE WASTEWATER PUMP

The SPP HYDRAFLOW S4THL Hydraulic Drive Submersible Pump has proven to be an excellent sludge pump. Primary used for this pump are: oil refinery wastes, sewage digester cleanout, water waste sludges and desilting applications using diverts. This versatile pump offers solids handling and high head capabilities.

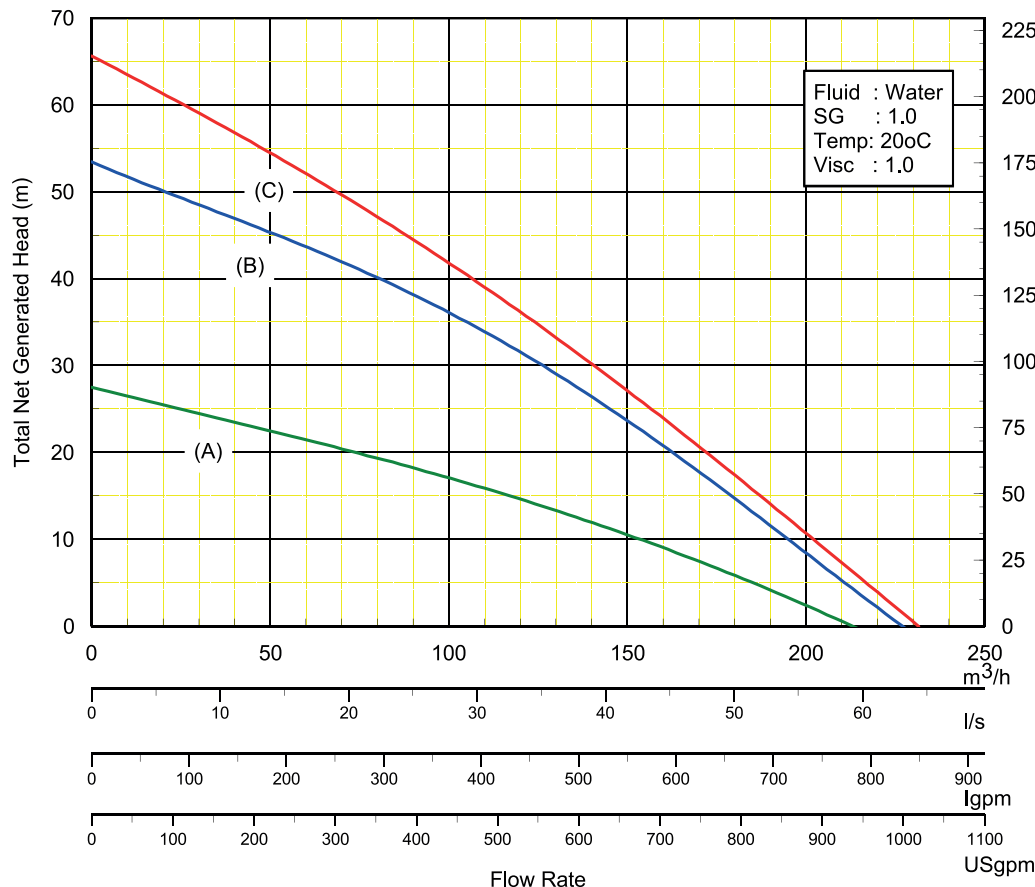


DESIGN FEATURES

- Full recessed vortex impeller will pass 90mm semi-solids.
- Lightweight Aluminium or durable Ductile Iron models are standard optional Stainless Steel version available.
- Variable Speed Hydraulic Drive.
- 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 HT50D, HT60D or HT75D Hydraulic Power Units or any open centre power source with output flows to 114 l/m.

DEWATERING

HYDRAFLOW DATA SHEET



Hydraulic Input: (A) 68 l/m @ 193 bar (B) * 98 l/m @ 196 bar
(C) 114 l/m @ 207 bar
* Typical performance with HT60D

HYDRAULIC SUBMERSIBLE PUMP

PUMP TYPE	S4THL
BRANCH SIZES	Suction: 100mm x Disch: 100mm
IMPELLER	Vortex
SOLIDS HANDLING	90mm diameter
HYDRAULIC MOTOR	Vortex
INPUT - HYDRAULIC FLOW	114 l/m
INPUT - HYDRAULIC PRESSURE	207 bar
HYDRAULIC OIL	ISO 46
HYDRAULIC OIL TEMPERATURE	Max 140°F

PUMP SPECIFICATIONS

FLOW RATE

230 m³/h Maximum

DISCHARGE HEAD

65 m Maximum

WEIGHT

DI - 147kg or AL - 75 kg

HEIGHT

880 mm

MAX DIAMETER

650 mm

MAX SOLIDS SIZE

90 mm Diameter

HOSE PORT

1" SAE

SUCTION FLANGE

4" 125# ASA

DISCHARGE PORT

4" 125# ASA Flange

POWER SOURCE

HT50D, HT60D or HT75D

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

114l/m Maximum

OPERATING PRESSURE

207 bar Maximum