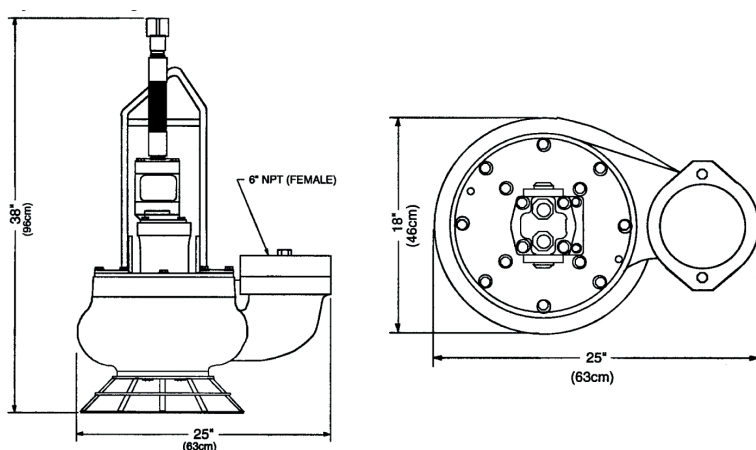


DEWATERING HYDRAFLOW DATA SHEET

S6T 150MM HYDRAULIC SUBMERSIBLE SEWAGE PUMP

The SPP HYDRAFLOW S6T Hydraulic Drive Submersible Pump is our most popular 10mm pump. It is lightweight, compact and able to pass large solids, stringy materials and slurries with entrained gases. This versatile top discharge pump is designed for sewer by pass jobs, digester cleaning, plant intake desilting and inline pumping.

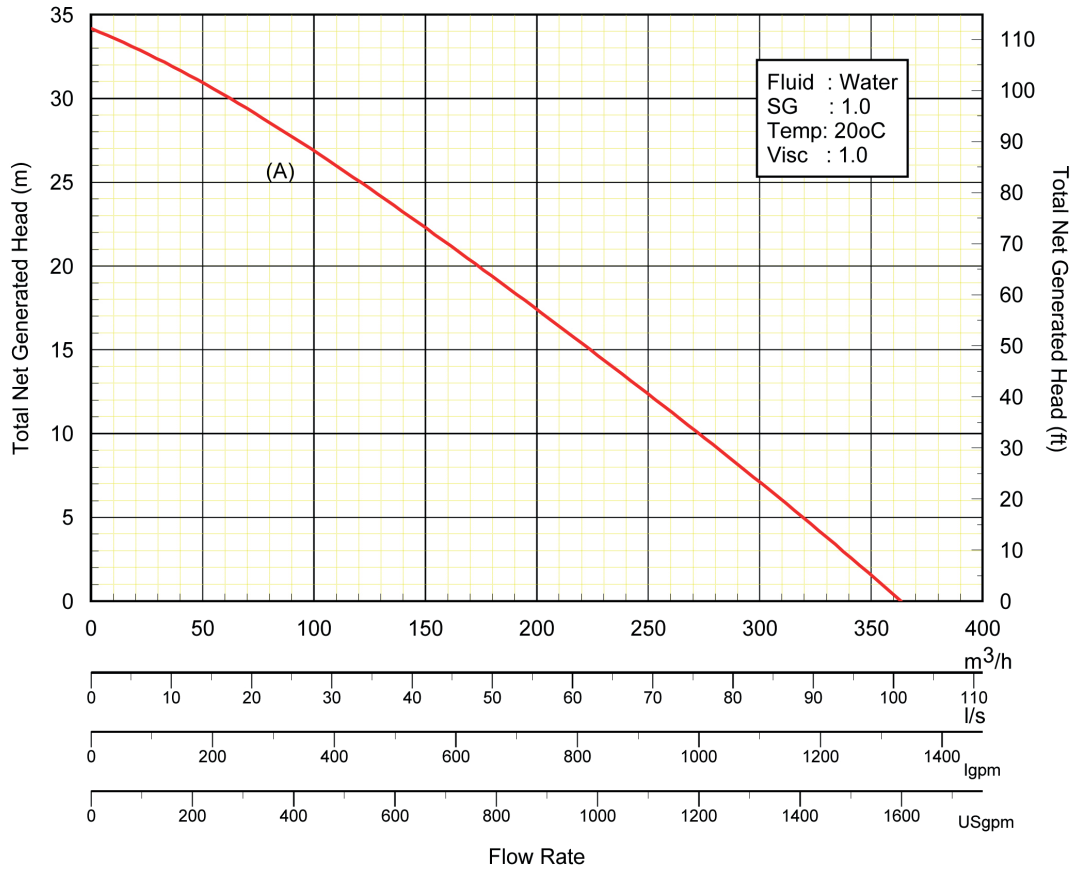


DESIGN FEATURES

- Recessed vortex impeller will pass 125mm semi-solids.
- Oil lubricated seals - pump can run dry.
- Variable Speed.
- Wide range of performance.
- Can be bolted into a pipeline.
- Available in Stainless Steel (S6TSS).
- Safe Hydraulic Drive can be used where electric power is hazardous or impractical.
- Operates with our HT60D Hydraulic Power Unit or any open centre power source with output flows to 98 l/m.

DEWATERING

HYDRAFLOW DATA SHEET



Hydraulic Input: (A) 98 l/m @ 207 bar
Typical performance with HT60D

HYDRAULIC SUBMERSIBLE PUMP

PUMP TYPE	S6T
BRANCH SIZES	Suction: 150mm x Disch: 150mm
IMPELLER	Vortex
SOLIDS HANDLING	125 mm diameter
HYDRAULIC MOTOR	Gear
INPUT - HYDRAULIC FLOW	98l/m
INPUT - HYDRAULIC PRESSURE	207 bar
HYDRAULIC OIL	ISO 46
HYDRAULIC OIL TEMPERATURE	Max 140°F

PUMP SPECIFICATIONS

FLOW RATE

360 m³/h Maximum

DISCHARGE HEAD

34 m Maximum

WEIGHT

DI - 154kg or AL - 88 kg

HEIGHT

960mm

MAX DIAMETER

630 mm

MAX SOLIDS SIZE

125 mm Diameter

HOSE PORT

1" SAE

SUCTION FLANGE

6" 125#ASA

DISCHARGE PORT

6" NPT F

POWER SOURCE

HT60D

PUMP CASING

Ductile Iron or HT Aluminium

IMPELLER

Ductile Iron

WEAR RING &/OR PLATE

Stainless Steel

SHAFT

17-4 PH 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

98l/m Maximum

OPERATING PRESSURE

207 bar Maximum