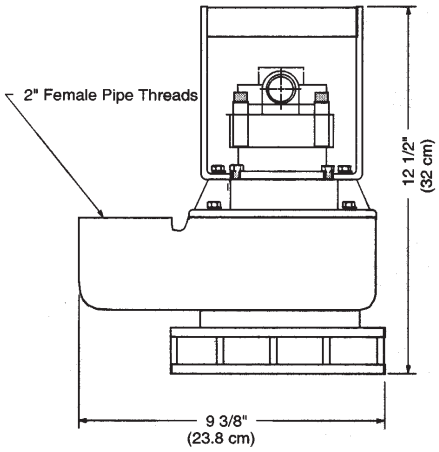
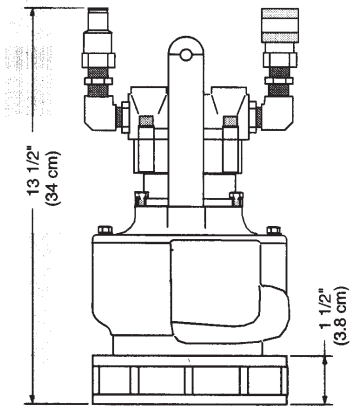
DEWATERING
HYDRAFLOW DATA SHEET

S2T-2 50MM HYDRAULIC SUBMERSIBLE SEWAGE PUMP

The SPP HYDRAFLOW S2T-2 Hydraulic Drive Submersible Pump is a Very Portable Vortex Impeller Pump. This pump can handle stringy solids and can be used for jobs such as Bilge Pumping, Jobsite Dewatering, Wastewater Transfer, Oil Skimmers, Vault Pumping and frit Chamber Cleanouts.





DESIGN FEATURES

- Fully Recessed Vortex Impeller will pass 38mm semi-solids.
- Rugged and reliable gerotor motor.
- Variable Speed Hydraulic Drive.
- Can be bolted into a pipeline or staged.
- Available in standard Ductile Iron or Aluminium body and optional Stainless Steel body.
- Optional small hole strainer available.
- Safe Hydraulic Drive can be used where electric power is hazardous or impractical.
- Operates with our HT6D, HT7DXR or HT11D Hydraulic Power Units or any open centre power source with output flows to 19 l/m.

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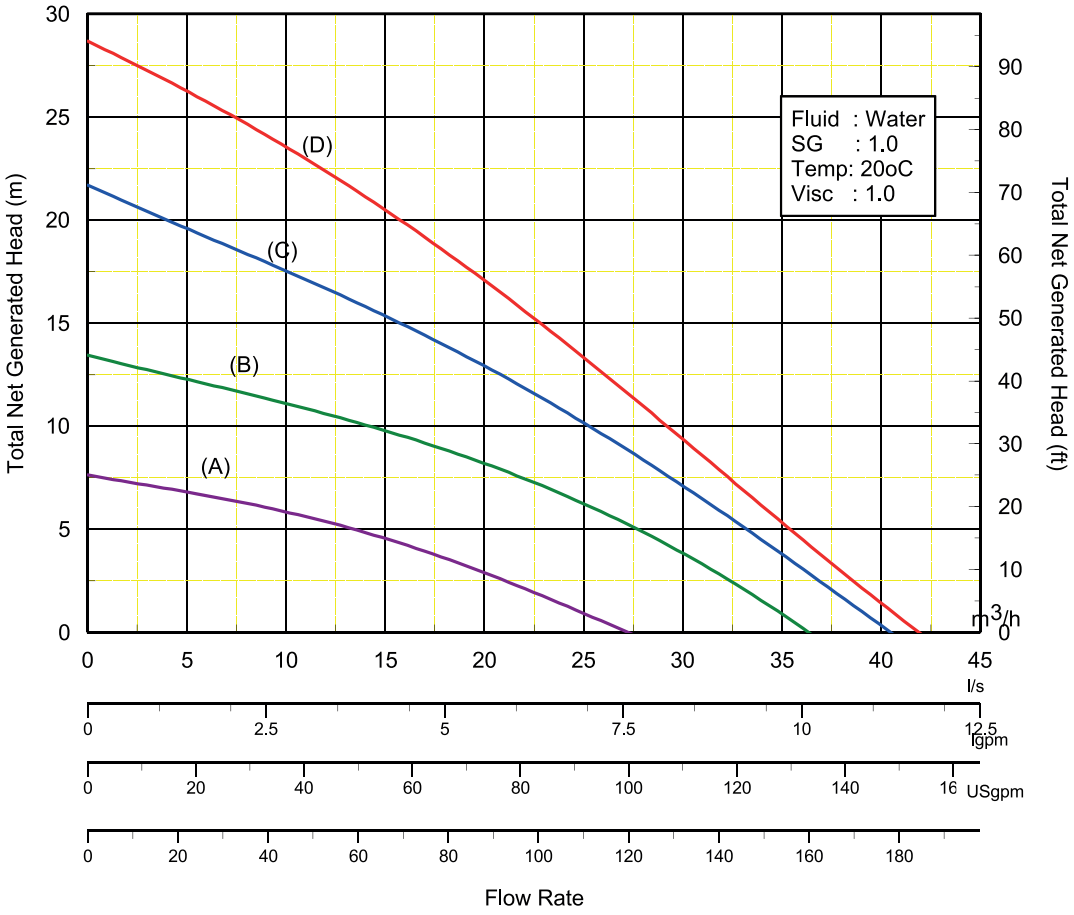

Hydraulic Input: (A) 8 l/m @ 90 bar (B) * 11 l/m @ 141 bar
(C) 15 l/m @ 165 bar (D) ** 19 l/m @ 172 bar Intermittent
* Typical performance with HT6D
** Typical performance with HT11D

HYDRAULIC SUBMERSIBLE PUMP

PUMP TYPE	S2T-2
BRANCH SIZES	Suction: 40mm x Disch: 50mm
IMPELLER	Vortex
SOLIDS HANDLING	38 mm diameter
HYDRAULIC MOTOR	Gear
INPUT - HYDRAULIC FLOW	19 l/m
INPUT - HYDRAULIC PRESSURE	172bar
HYDRAULIC OIL	ISO 46
HYDRAULIC OIL TEMPERATURE	Max 140°F

PUMP SPECIFICATIONS

FLOW RATE
42 m³/h Maximum
DISCHARGE HEAD
28 m Maximum
WEIGHT
DI - 11kg or AL - 7.7 kg
HEIGHT
340 mm
MAX DIAMETER
238 mm
MAX SOLIDS SIZE
38 mm Diameter
HOSE PORT
3/8" SAE (O Ring)
SUCTION FLANGE
1 1/2in 125#
DISCHARGE PORT
2in NPT F
POWER SOURCE
HT6D, HT7DXR or HT11D
PUMP CASING
Ductile Iron or Aluminium
IMPELLER
Ductile Iron
WEAR RING &/OR PLATE
n/a
SHAFT
Heat Treated Steel Alloy
SHAFT SEAL - STANDARD
Carbon/Ceramic
ALTERNATIVE SEAL
Refer to SPP
ELASTOMERS - STANDARD
Buna (N)
HYDRAULIC OIL
214-320 s.s.u. @ 64 Deg. C
INPUT FLOW
19 l/m Maximum
OPERATING PRESSURE
172 bar Maximum

SPP PUMPS
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