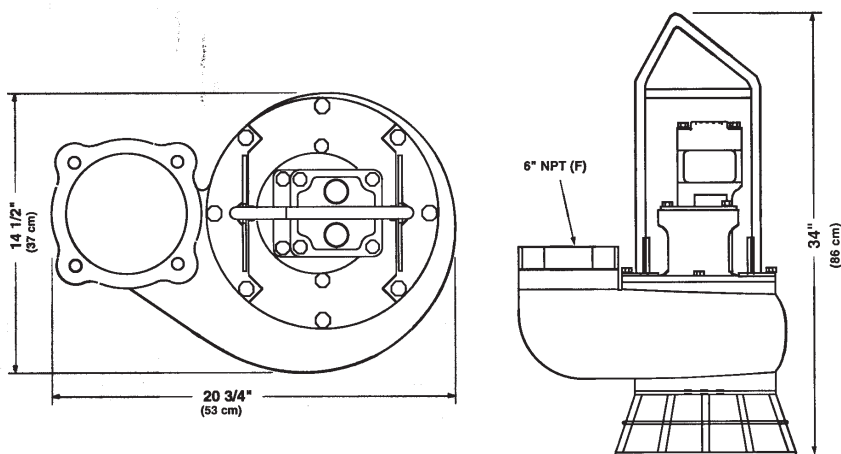


DEWATERING HYDRAFLOW DATA SHEET

S6V 75MM HYDRAULIC SUBMERSIBLE SEWAGE OR WASTEWATER PUMP

The SPP HYDRAFLOW S6V Hydraulic Drive Submersible Pump is a 150mm discharge sewage pump. It is designed specifically to easily pass through a 530mm manhole making it ideal for sewer bypass jobs. This pump is durable, compact and able to pass large solids, stringy materials and slurries with entrained gases.

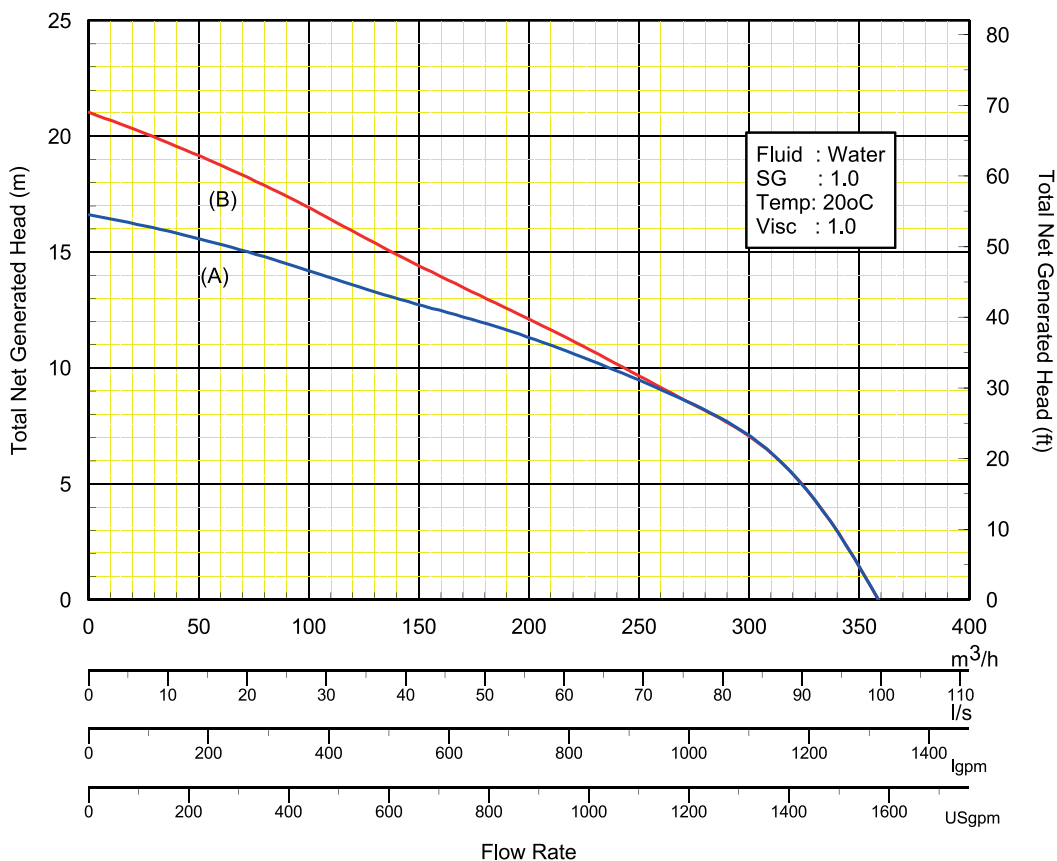


DESIGN FEATURES

- Semi-recessed vortex impeller will pass 125mm semi-solids.
- Compact will fit through a 530mm opening.
- Oil lubricated seals - pump can run dry.
- Variable speed with dependable gear type hydraulic motor drive.
- Replaceable wear parts.
- Can be bolted directly into a pipeline.
- Safe Hydraulic Drive can be used where electric power is hazardous or impractical.
- Operates with our 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) * 98 l/m @ 200 bar (B) ** 114 l/m @ 207 bar
 * Typical performance with HT60D
 ** Typical performance with HT75D

HYDRAULIC SUBMERSIBLE PUMP

PUMP TYPE	S6V
BRANCH SIZES	Suction: 150mm x Disch: 150mm
IMPELLER	Vortex
SOLIDS HANDLING	125mm diameter
HYDRAULIC MOTOR	Gear
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

360 m³/h Maximum

DISCHARGE HEAD

21 m Maximum

WEIGHT

116 kg

HEIGHT

860 mm

MAX DIAMETER

530 mm

MAX SOLIDS SIZE

125 mm Diameter

HOSE PORT

1" SAE Straight

SUCTION FLANGE

6" 125# ASA

DISCHARGE PORT

6" NPT F

POWER SOURCE

HT60D or HT75D

PUMP CASING

Ductile Iron

IMPELLER

Ductile Iron

WEAR RING &/OR PLATE

ASTM A36 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

114l/m Maximum

OPERATING PRESSURE

207 bar Maximum