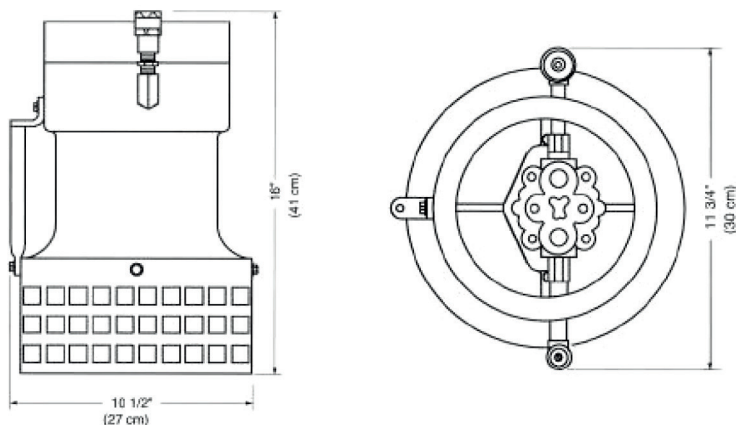


DEWATERING HYDRAFLOW DATA SHEET

S6P 50MM HYDRAULIC SUBMERSIBLE PUMP

The SPP HYDRAFLOW S6P Hydraulic Drive Submersible Pump is a lightweight axial flow pump designed for pumping high volumes of water at relatively low heads. The propeller design allows this pump to be driven by small hydraulic power sources such as small tractors, backhoes or our HT11D and HT25D power units. This pump is ideal for lake draining, tank filling, flood irrigation, aerial firefighting and cofferdam dewatering.

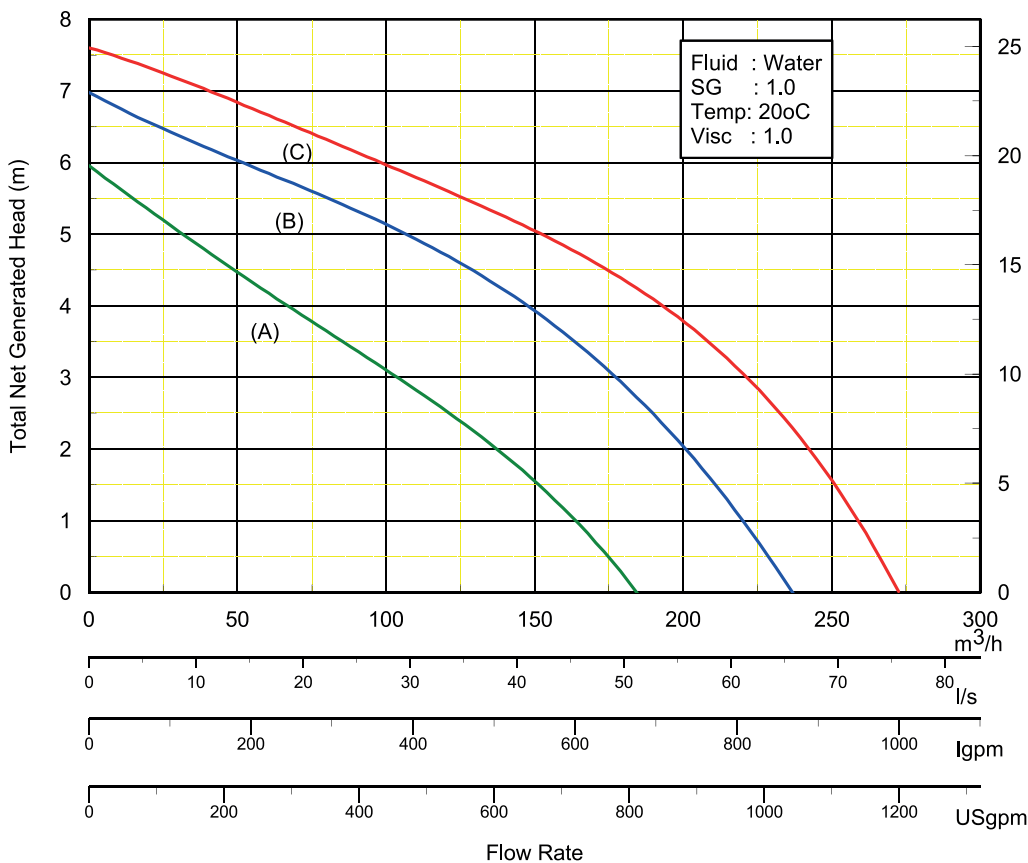


DESIGN FEATURES

- Very light weight allows one man installation.
- Small overall size allows use in very tight spaces.
- High volume axial propeller design.
- Variable Speed Hydraulic Drive by dependable gear type hydraulic motor.
- Oil Lubricated Mechanical Seal - pump can run dry.
- Safe Hydraulic Drive can be used where electric power is hazardous or impractical.
- Operates with our HT11D or HT25D Hydraulic Power Units or any open centre power source with output flows to 25 l/m.

DEWATERING

HYDRAFLOW DATA SHEET



Hydraulic Input: (A) 13 l/m @ 145 bar (B) * 22 l/m @ 145 bar
(C) ** 25 l/m @ 193 bar
* Typical performance with HT11D
** Typical performance with HT25D

HYDRAULIC SUBMERSIBLE PUMP

PUMP TYPE	S6P
BRANCH SIZES	Suction: 270mm x Disch: 150mm
IMPELLER	Axial Flow
SOLIDS HANDLING	20 mm diameter
HYDRAULIC MOTOR	Gear
INPUT - HYDRAULIC FLOW	25 l/m
INPUT - HYDRAULIC PRESSURE	193 bar
HYDRAULIC OIL	ISO 46
HYDRAULIC OIL TEMPERATURE	Max 140°F

PUMP SPECIFICATIONS

FLOW RATE	270 m³/h Maximum
DISCHARGE HEAD	7.6 m Maximum
WEIGHT	19 kg
HEIGHT	410 mm
MAX DIAMETER	300 mm
MAX SOLIDS SIZE	20 mm Diameter
HOSE PORT	1/2" NPT F
SUCTION FLANGE	n/a
DISCHARGE PORT	6" NPT F
POWER SOURCE	HT11D or HT25D
PUMP CASING	Heat Treated Aluminium
IMPELLER	Ductile Iron
WEAR RING &/OR PLATE	Ductile Iron
SHAFT	Plated Steel
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	25 l/m Maximum
OPERATING PRESSURE	170 bar Maximum