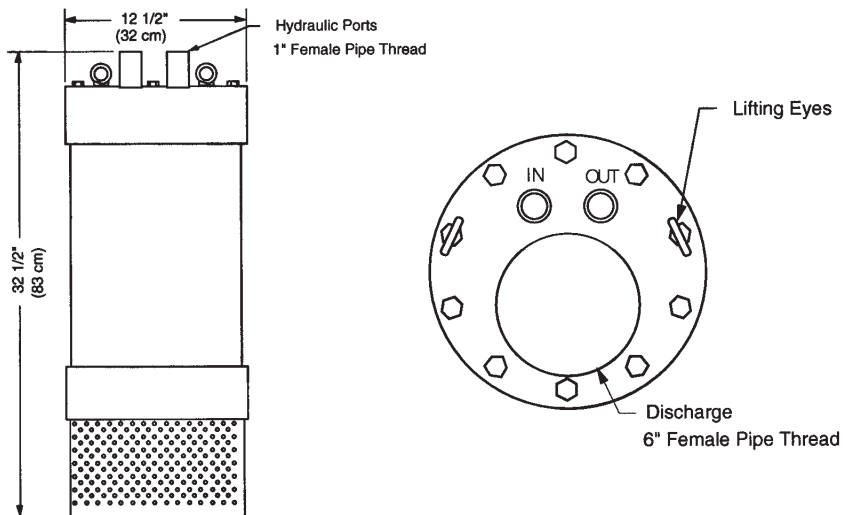


DEWATERING

HYDRAFLOW DATA SHEET

S6A 150MM HYDRAULIC SUBMERSIBLE PUMP

The SPP HYDRAFLOW S6A Hydraulic Drive Submersible Pump is designed to fit into spaces normally inaccessible with submersible pumps. High output flows and heads make this a versatile performer with no equals. Typical jobs for this pump include mine dewatering, vessel offloading and vault pumping.

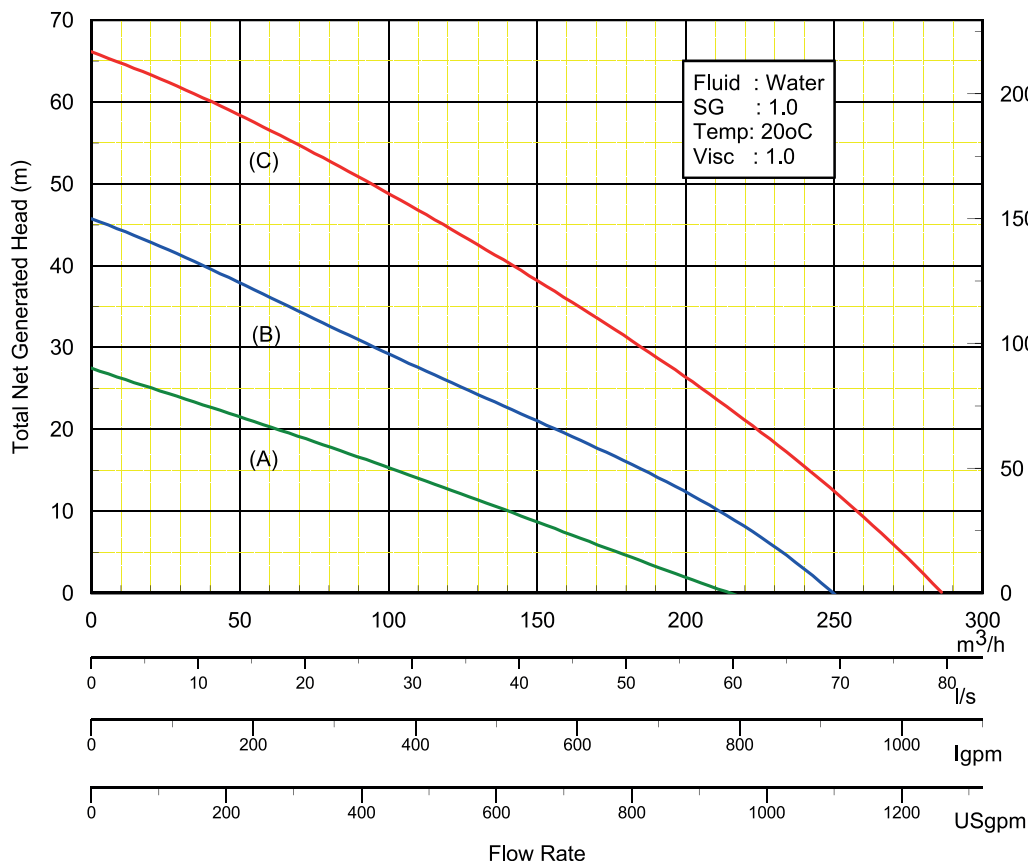


DESIGN FEATURES

- Small overall size allows the pump to fit through 330 mm openings.
- Hardened Stainless Steel impeller to resist wear.
- Rubber coated suction case resists abrasion.
- Variable Speed Hydraulic Drive.
- Oil Lubricated Mechanical Seal - pump can run dry.
- Safe Hydraulic Drive can be used where electric power is hazardous or impractical.
- Operates with our HT60D, HT75D or HT100D Hydraulic Power Units or any open centre power source with output flows to 170 l/m.

DEWATERING

HYDRAFLOW DATA SHEET



Hydraulic Input: (A) * 94 l/m @ 76 bar (B) 132 l/m @ 120 bar
(C) ** 163 l/m @ 165 bar
* Typical performance with HT60D
** Typical performance with HT100D

HYDRAULIC SUBMERSIBLE PUMP

PUMP TYPE	S6A
BRANCH SIZES	Suction: 150mm x Disch: 150mm
IMPELLER	Centrifugal
SOLIDS HANDLING	7 mm diameter
HYDRAULIC MOTOR	Gear
INPUT - HYDRAULIC FLOW	163 l/m
INPUT - HYDRAULIC PRESSURE	165 bar
HYDRAULIC OIL	ISO 46
HYDRAULIC OIL TEMPERATURE	Max 140°F

PUMP SPECIFICATIONS	
FLOW RATE	285 m³/h Maximum
DISCHARGE HEAD	66 m Maximum
WEIGHT	95 kg
HEIGHT	830 mm
MAX DIAMETER	320 mm
MAX SOLIDS SIZE	7 mm Diameter
HOSE PORT	1" NPT F
SUCTION FLANGE	n/a
DISCHARGE PORT	6" NPT F
POWER SOURCE	HT60D, HT75D or HT100D
PUMP CASING	Anodised Aluminium
IMPELLER	Stainless Steel
WEAR RING &/OR PLATE	n/a
SHAFT	17-4 PH Stainless Steel
SHAFT SEAL - STANDARD	Carb. Ceramic & Silicon Carb.
ALTERNATIVE SEAL	Refer to SPP
ELASTOMERS - STANDARD	Buna (N)
HYDRAULIC OIL	214-320 s.s.u. @ 64 Deg. C
INPUT FLOW	163 l/m Maximum
OPERATING PRESSURE	170 bar Maximum