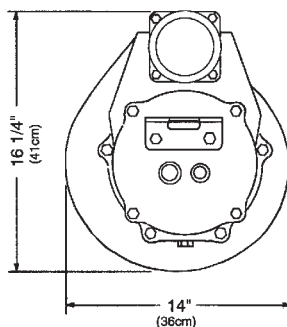
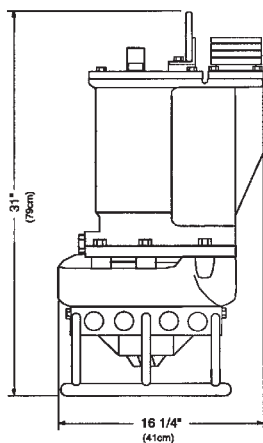


DEWATERING HYDRAFLOW DATA SHEET

S4CSL 7100MM HYDRAULIC SUBMERSIBLE SAND OR SLURRY PUMP

The SPP HYDRAFLOW S4CSL Hydraulic Drive Submersible pump is designed for use in applications requiring settled solids to be put into suspension and pumped with the discharge water. Primary applications include desilting ponds, lakes and streams. Other jobs may include filling sand bags to prevent beach erosion, tank digester cleaning or pumping sediment from caissons.

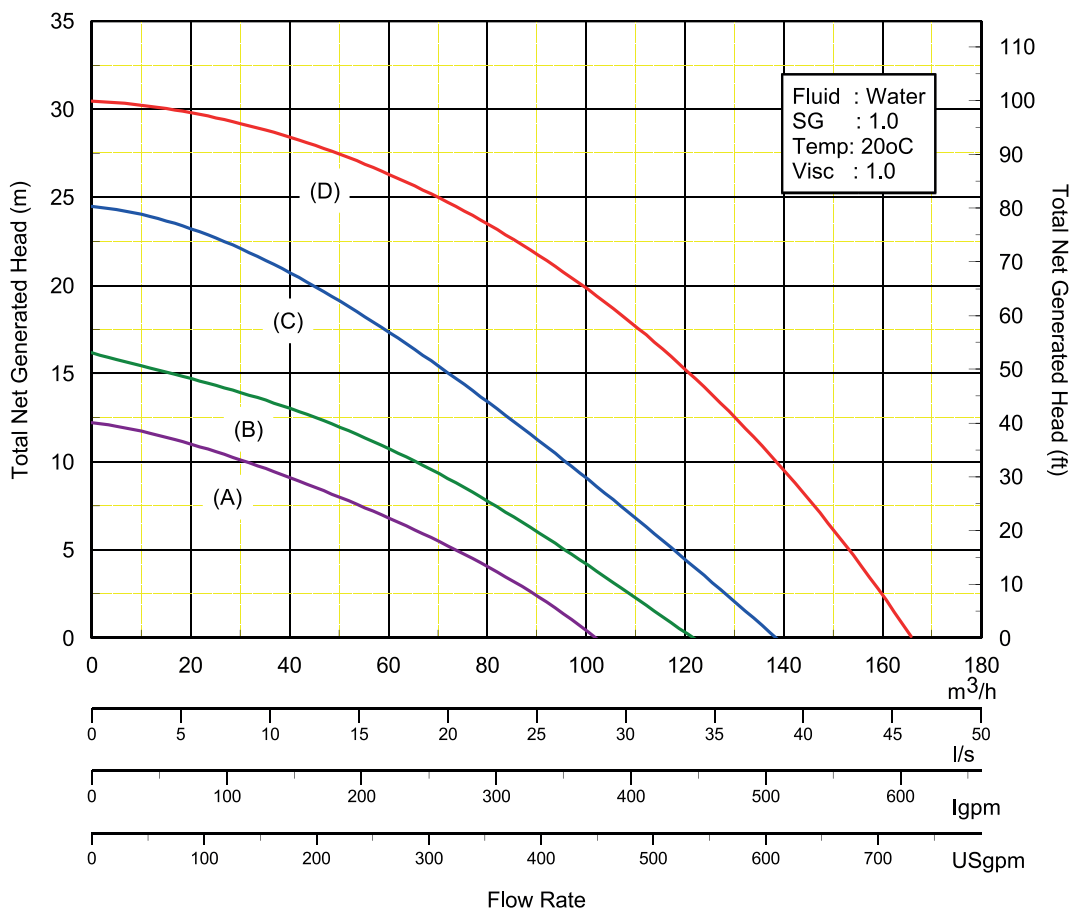


DESIGN FEATURES

- Hardened Alloy Wear Parts.
- Built-in Agitator for Stirring up Solids.
- Variable Speed Hydraulic Drive.
- Small Size Allows Pumps to fit through a 420mm opening.
- Oil Lubricated Double Seals - pump can run dry.
- Wide Range Performance Curve allows use of Hydraulic Flows up to 64 l/m to Suit Application.
- Safe Hydraulic Drive can be used where electric power is hazardous or impractical.
- Operates with our HT25D, HT35D or HSQ35D Hydraulic Power Units or any open centre power source with output flows to 64 l/m.

DEWATERING

HYDRAFLOW DATA SHEET



Hydraulic Input: (A) 38 l/m @ 86 bar (B) 45 l/m @ 103 bar
(C) * 59 l/m @ 145 bar (D) 64 l/m @ 193 bar
* Typical performance with HT25D & HSQ35

HYDRAULIC SUBMERSIBLE PUMP

PUMP TYPE	S4CSL
BRANCH SIZES	Suction: 100mm x Disch: 100mm
IMPELLER	Channel & Agitator
SOLIDS HANDLING	38 mm diameter
HYDRAULIC MOTOR	Gear
INPUT - HYDRAULIC FLOW	64 l/m
INPUT - HYDRAULIC PRESSURE	193 bar (max)
HYDRAULIC OIL	ISO 46
HYDRAULIC OIL TEMPERATURE	Max 140°F

PUMP SPECIFICATIONS

FLOW RATE	166 m³/h Maximum
DISCHARGE HEAD	30 m Maximum
WEIGHT	113 kg
HEIGHT	790 mm
MAX DIAMETER	410 mm
MAX SOLIDS SIZE	38 mm Diameter
HOSE PORT	1/2" & 3/4" NPT F
SUCTION FLANGE	4" Entry
DISCHARGE PORT	4" NPT
POWER SOURCE	HT25D, HT35D or HSQ35D
PUMP CASING	Cast Iron
IMPELLER	High Chrome Alloy
WEAR RING &/OR PLATE	High Chrome Alloy
SHAFT	304 Stainless Steel
SHAFT SEAL - STANDARD	Carbon Ceramic/Silicon Carb.
ALTERNATIVE SEAL	Refer to Sterling
ELASTOMERS - STANDARD	Buna (N)
HYDRAULIC OIL	214-320 s.s.u. @ 64 Deg. C
INPUT FLOW	64 l/m Maximum
OPERATING PRESSURE	193 bar Maximum