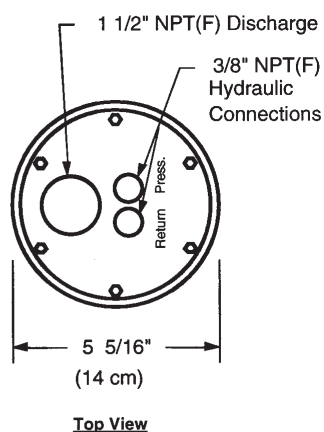
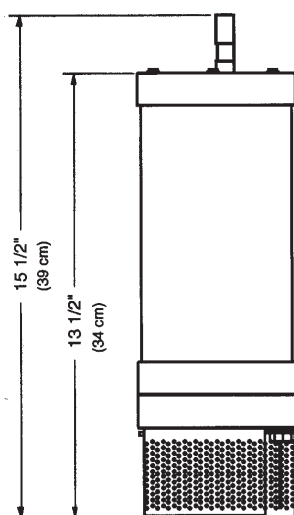


DEWATERING HYDRAFLOW DATA SHEET

S1.5A 38MM HYDRAULIC SUBMERSIBLE PUMP

The SPP HYDRAFLOW S1.5A Hydraulic Drive Submersible Pump is designed as a dewatering pump for use in areas where space is limited. Typical uses for this pump include manhole, vault, blasthole, mine and construction jobsite dewatering.

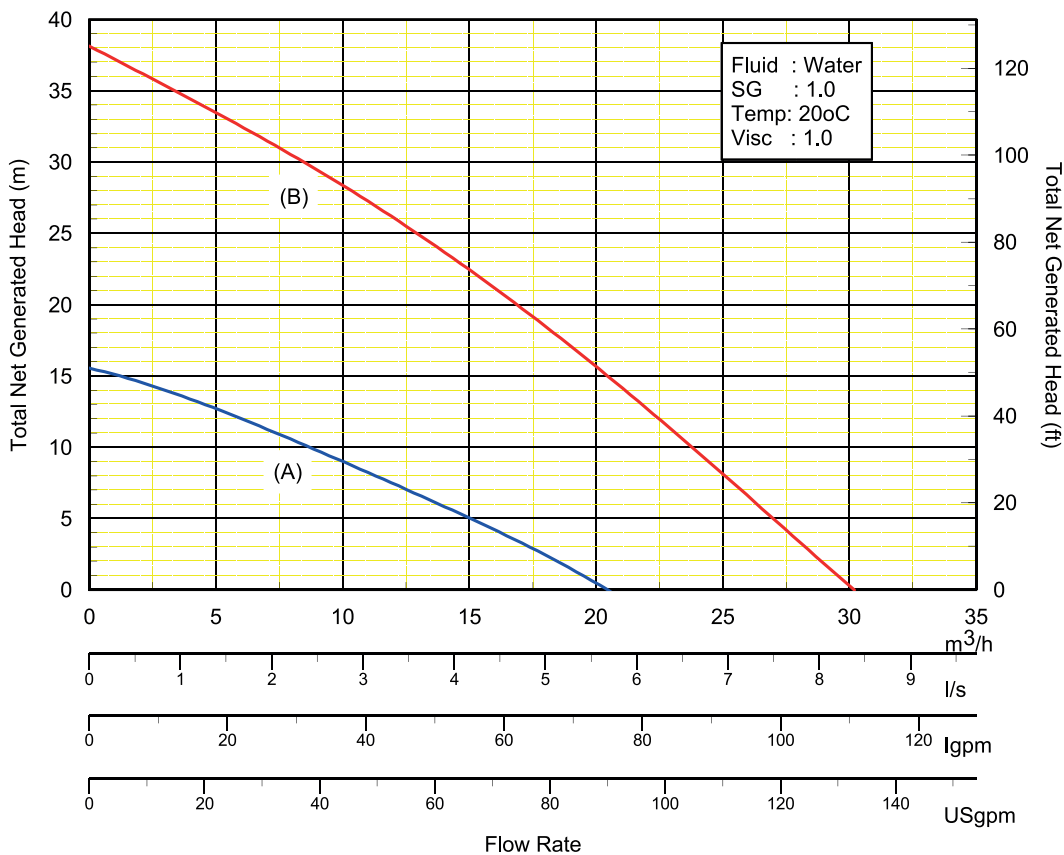


DESIGN FEATURES

- Slim line design fits through 150 mm openings.
- 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 HT6D, HT7DXR or HT11D Hydraulic Power Units or any open centre power source with output flows to 26 l/m.

DEWATERING

HYDRAFLOW DATA SHEET



Hydraulic Input: (A) * 19 l/m @ 52 bar (B) ** 26 l/m @ 100 bar
 * Typical performance with HT6D
 ** Typical performance with HT11D

HYDRAULIC SUBMERSIBLE PUMP

PUMP TYPE	S1.5A
BRANCH SIZES	Suction: 38mm x Disch: 38mm
IMPELLER	Semi Open Centrifugal
SOLIDS HANDLING	7 mm
HYDRAULIC MOTOR	Gear - Oil driven
INPUT - HYDRAULIC FLOW	26 l/m
INPUT - HYDRAULIC PRESSURE	100 bar
HYDRAULIC OIL	ISO 46
HYDRAULIC OIL TEMPERATURE	Max 140°F

PUMP SPECIFICATIONS	
FLOW RATE	30 m³/h Maximum
DISCHARGE HEAD	38 m Maximum
WEIGHT	8 kg
HEIGHT	390 mm
MAX DIAMETER	140 mm
MAX SOLIDS SIZE	7 mm Diameter
HOSE PORT	3/8" NPT F
SUCTION FLANGE	n/a
DISCHARGE PORT	1 1/2" NPT F
POWER SOURCE	HT6D, HT7DXR or HT11D
PUMP CASING	Anodised Aluminium
IMPELLER	Stainless Steel
WEAR RING &/OR PLATE	n/a
SHAFT	Stainless 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	26 l/m Maximum
OPERATING PRESSURE	138 bar Maximum