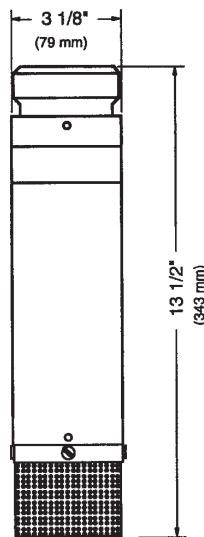
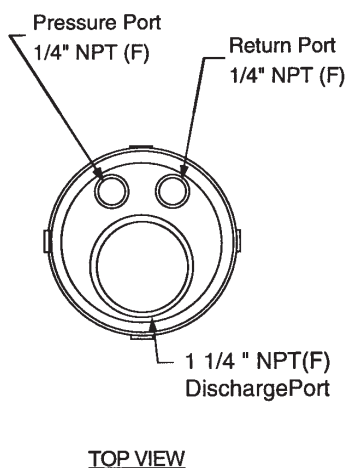


DEWATERING

HYDRAFLOW DATA SHEET

S310 32MM HYDRAULIC SUBMERSIBLE PUMP

The SPP HYDRAFLOW S310 Hydraulic Drive Submersible Pump is designed to fit into small spaces such as 100mm well casings, transformer vaults and bilges. Typical jobs may include blast hole dewatering, ground water evacuation and sampling, utility manholes and marine vessel compartment pumping.

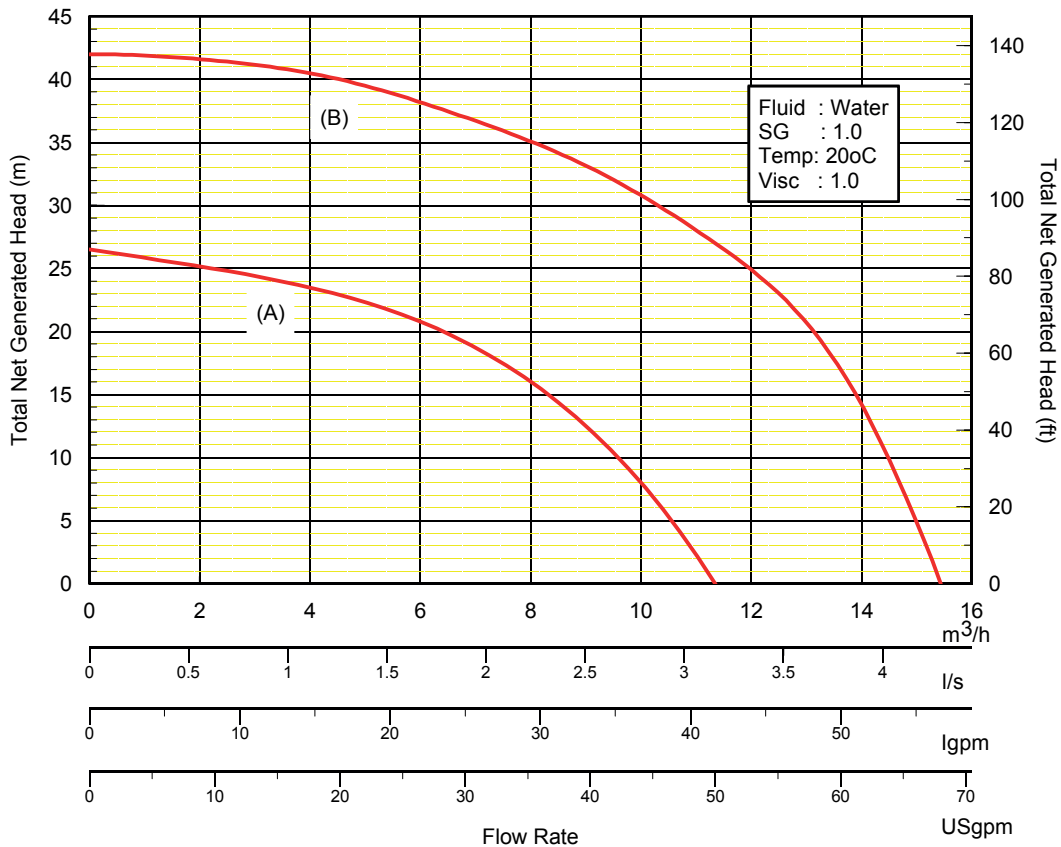


DESIGN FEATURES

- Slim line design fits through 100 mm openings
- Stainless Steel construction
- Efficient semi-open impeller
- Variable Speed Hydraulic Drive
- Rugged and reliable gear motor
- Safe Hydraulic Drive can be used where electric power is hazardous or impractical
- Operates with our HT6D or HT7DXR Hydraulic Power Units or any open centre power source with output flows to 19 l/m

DEWATERING

HYDRAFLOW DATA SHEET



Hydraulic Input: (A) 13 l/m @ 83 bar (B) * 19 l/m @ 103 bar
 * Typical performance with HT7DXR

HYDRAULIC SUBMERSIBLE PUMP

PUMP TYPE	S310
BRANCH SIZES	Suction: 32mm x Disch: 32mm
IMPELLER	Semi Open Centrifugal
SOLIDS HANDLING	Micron
HYDRAULIC MOTOR	Oil driven
INPUT - HYDRAULIC FLOW	19 l/m
INPUT - HYDRAULIC PRESSURE	103 bar
HYDRAULIC OIL	ISO 46
POWERPACK	HT7DXR (full curve)
HYDRAULIC OIL TEMPERATURE	Max 140°F

PUMP SPECIFICATIONS

FLOW RATE	15 m³/h Maximum
DISCHARGE HEAD	42 m Maximum
WEIGHT	4 kg
HEIGHT	343 mm
MAX DIAMETER	79 mm
MAX SOLIDS SIZE	Micron
HOSE PORT	1/4" NPT F
SUCTION FLANGE	n/a
DISCHARGE PORT	1 1/4" NPT F
POWER SOURCE	HT6D or HT7DXR
PUMP CASING	Stainless Steel
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	19 l/m Maximum
OPERATING PRESSURE	103 bar Maximum