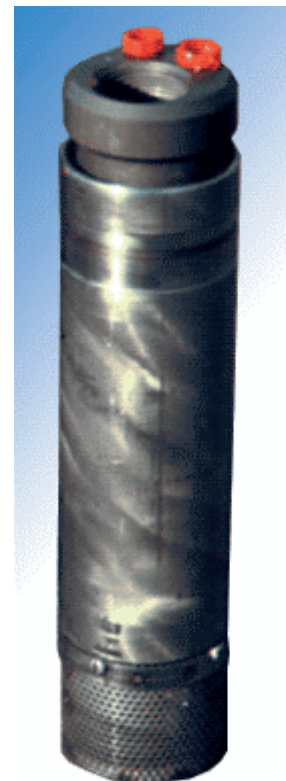
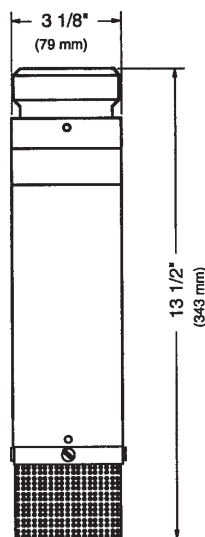
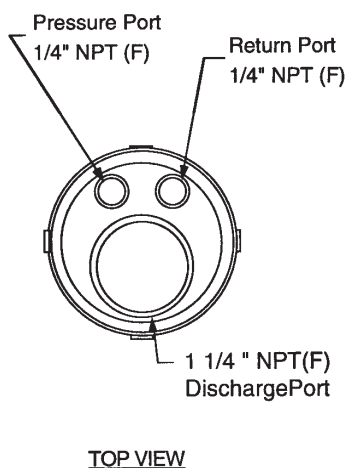


DEWATERING

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.

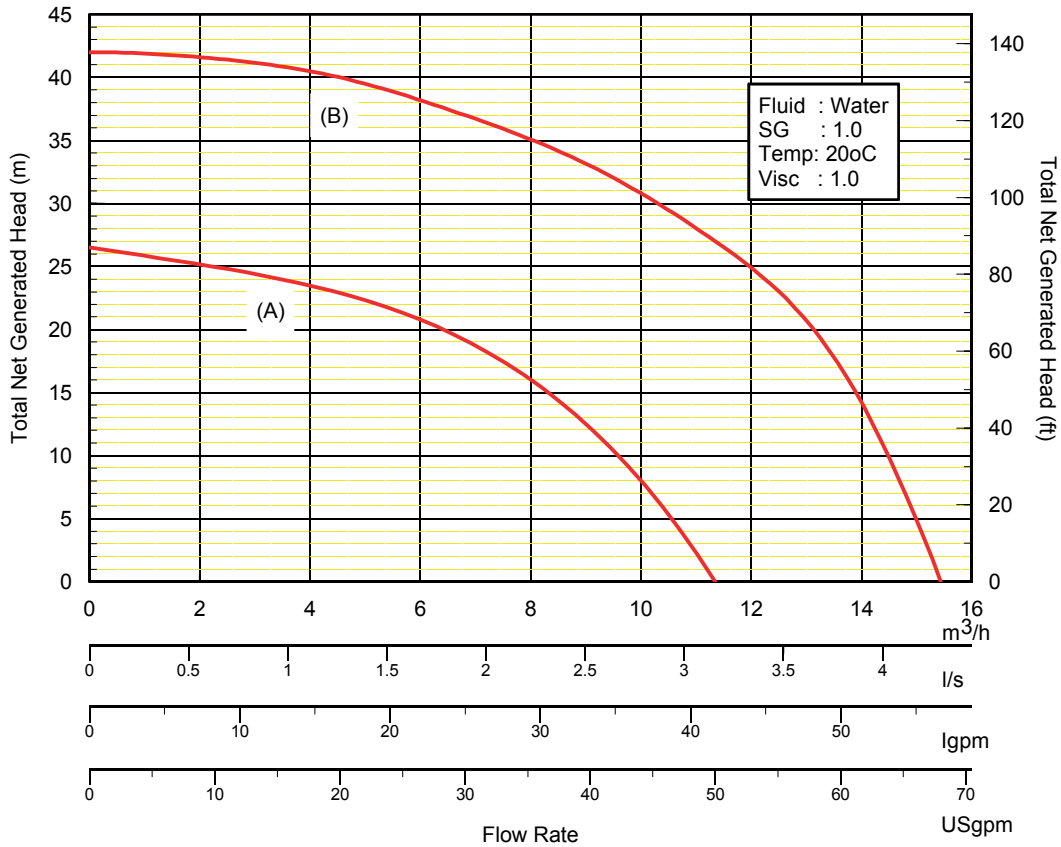


DESIGN FEATURES

- 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 |