



HYDRAFLOW

S310 32mm Hydraulic Submersible Pump

The Sterling 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

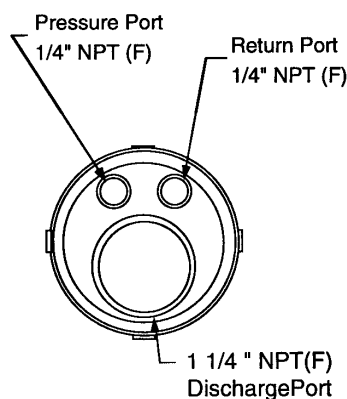


PUMP SPECIFICATIONS

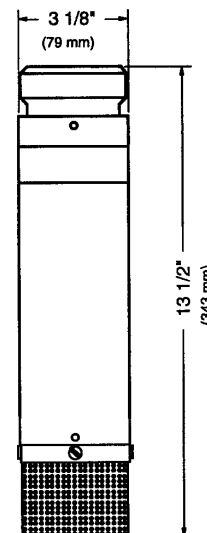
Flow Rate	15 m ³ /h Maximum
Discharge Head	42 m Maximum
Weight	4 kg
Height	343 mm
Max. Diameter	79 mm
Max Solids Size	Micron
Hose Port	1/4in NPT F
Suction Flange	Not Applicable
Discharge Port	1 1/4in NPT F
Power Source	HT6D or HT7DXR

Pump Casing	Stainless Steel
Impeller	Stainless Steel
Wear Ring &/or Plate	Not Applicable
Shaft	Stainless Steel
Shaft Seal - Standard	Carbon/Ceramic
Alternative Seal	Refer to Sterling
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

Specifications may be subject to change without notice.



TOP VIEW





HYDRAFLOW

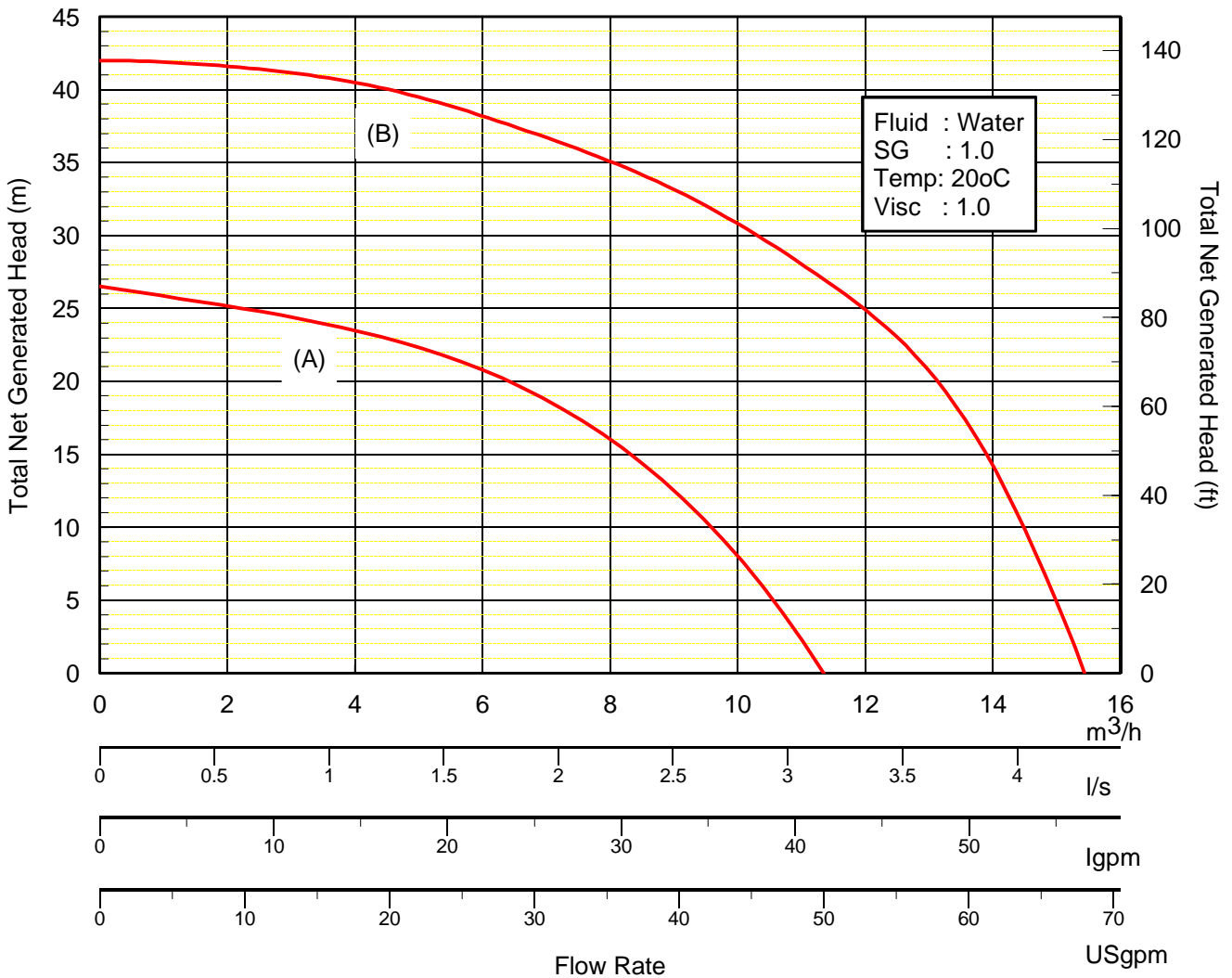
Curve: S310-v2

Hydraulic Submersible Pump Pump Type

Branch Sizes
 Impeller
 Solids Handling
 Hydraulic Motor
 Input - Hydraulic Flow
 Input - Hydraulic Pressure
 Hydraulic Oil
 Powerpack
 Hydraulic Oil Temperature

S310

Suction: 32mm x Disch: 32mm
 Semi Open Centrifugal
 Micron
 Oil driven
 19 l/m
 103 bar
 ISO 46
 HT7DXR (full curve)
 Max 140°F



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

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