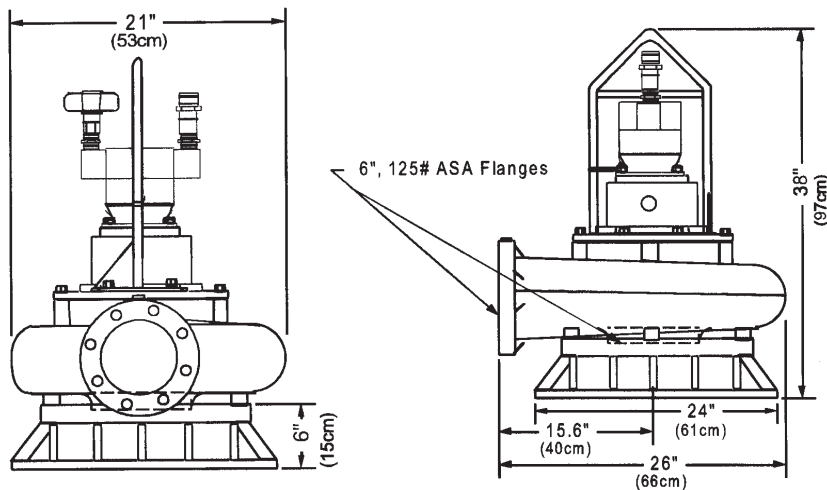


# DEWATERING HYDRAFLOW DATA SHEET

## S6150 150MM HYDRAULIC SUBMERSIBLE SOLIDS HANDLING PUMP

The SPP HYDRAFLOW S6150 High Performance, Hydraulic Drive Submersible Pump is a highly efficient solids handling pump used on jobs such as waste lagoons, barge transfer, sewer bypass and treatment plant duties. A guide rail system is available for installation in sewage lift stations or tanks.

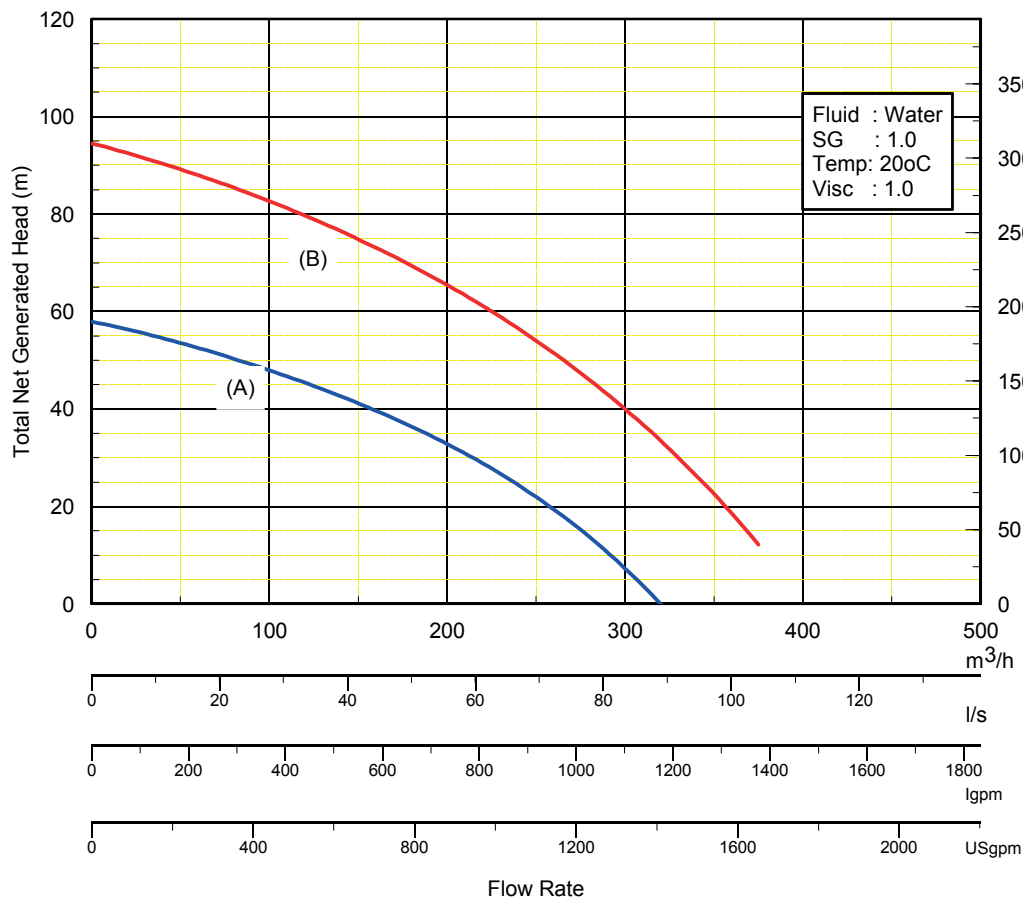


## DESIGN FEATURES

- Balanced two vane closed channel impeller
- Oil lubricated silicon carbide seals - pump can run dry
- Variable Speed Hydraulic Drive
- Will pass 75mm semi solids
- Wide range of performance
- Available in stainless steel
- Safe Hydraulic Drive can be used where electric power is hazardous or impractical
- Operates with our HT100D, HT150D or HT200D Hydraulic Power Units or any open centre power source with output flows to 340 l/m

# DEWATERING

## HYDRAFLOW DATA SHEET



Hydraulic Performance with: (A) 189 l/m @ 172 bar  
(B) \* 265 l/m @ 172 bar  
\* Typical Performance with HT150D

### HYDRAULIC SUBMERSIBLE PUMP

<b>PUMP TYPE</b>	S6150
<b>BRANCH SIZES</b>	Suction: 150mm x Disch: 150mm
<b>IMPELLER</b>	Channel
<b>SOLIDS HANDLING</b>	75 mm diameter
<b>HYDRAULIC MOTOR</b>	Gear
<b>INPUT - HYDRAULIC FLOW</b>	340 l/m
<b>INPUT - HYDRAULIC PRESSURE</b>	172 bar
<b>HYDRAULIC OIL</b>	ISO 46
<b>HYDRAULIC OIL TEMPERATURE</b>	Max 140°F

### PUMP SPECIFICATIONS

<b>FLOW RATE</b>	540 m³/h Maximum
<b>DISCHARGE HEAD</b>	87 m Maximum
<b>WEIGHT</b>	294 kg
<b>HEIGHT</b>	970 mm
<b>MAX DIAMETER</b>	660 mm
<b>MAX SOLIDS SIZE</b>	75 mm Diameter
<b>HOSE PORT</b>	1 1/2" NPT
<b>SUCTION FLANGE</b>	6" 125# Flange
<b>DISCHARGE PORT</b>	6" 125# Flange
<b>POWER SOURCE</b>	HT100D, HT150D or HT200D
<b>PUMP CASING</b>	Cast Iron/Stainless Steel
<b>IMPELLER</b>	Ductile Iron
<b>WEAR RING &amp;/OR PLATE</b>	n/a
<b>SHAFT</b>	17-4 PH Stainless Steel
<b>SHAFT SEAL - STANDARD</b>	Silicon Carbide
<b>ALTERNATIVE SEAL</b>	Refer to SPP
<b>ELASTOMERS - STANDARD</b>	Buna (N)
<b>HYDRAULIC OIL</b>	214-320 s.s.u. @ 64 Deg. C
<b>INPUT FLOW</b>	26 l/m Maximum
<b>OPERATING PRESSURE</b>	138 bar Maximum