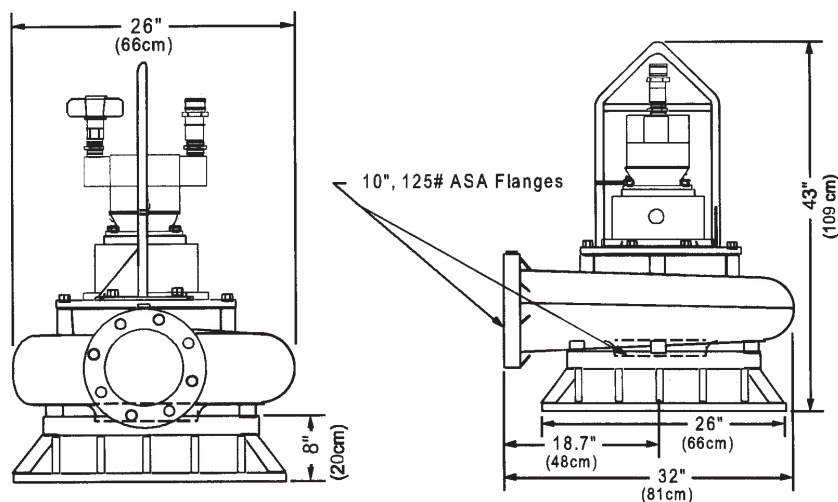


DEWATERING HYDRAFLOW DATA SHEET

S6300 300MM HYDRAULIC SUBMERSIBLE SOLIDS HANDLING PUMP

The SPP HYDRAFLOW S6300 High Performance, Hydraulic Drive Submersible Pump is a solids handling effluent pump used on jobs such as waste treatment, barge transfer and sewer by-pass duties. A guide rail system is available for installation in sewage lift stations or tanks.

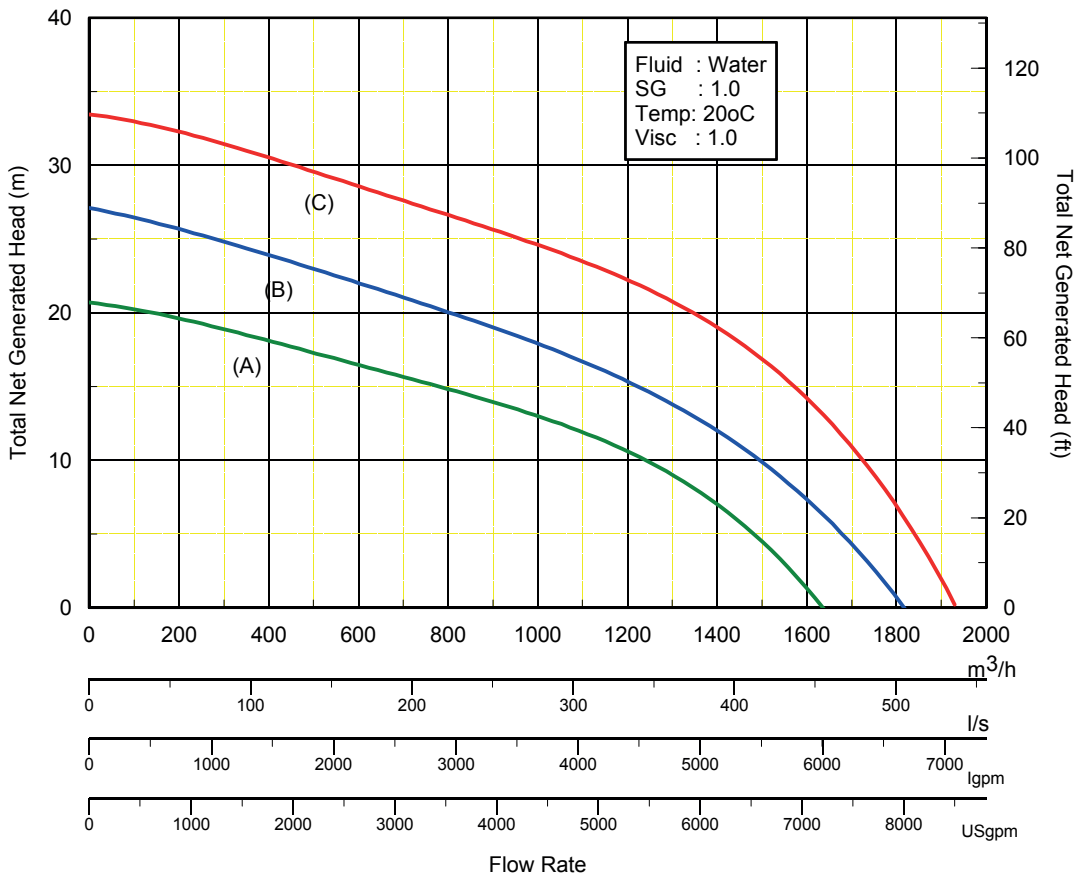


DESIGN FEATURES

- Balanced two vane closed channel impeller
- Oil lubricated silicon carbide seals - pump can run dry
- Variable Speed Hydraulic Drive
- Will pass 125mm 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 265 l/m

DEWATERING

HYDRAFLOW DATA SHEET



Hydraulic Performance with: (A) * Typical HT100D
(B) ** Typical HT150D
(C) *** Typical HT200D

HYDRAULIC SUBMERSIBLE PUMP

PUMP TYPE	S6300
BRANCH SIZES	Suction: 300mm x Disch: 300mm
IMPELLER	Channel
SOLIDS HANDLING	125 mm diameter
HYDRAULIC MOTOR	Gear
INPUT - HYDRAULIC FLOW	340 l/m
INPUT - HYDRAULIC PRESSURE	172 bar
HYDRAULIC OIL	ISO 46
HYDRAULIC OIL TEMPERATURE	Max 140°F

PUMP SPECIFICATIONS

FLOW RATE
1705 m³/h Maximum
DISCHARGE HEAD
43 m Maximum
WEIGHT
462 kg
HEIGHT
1140 mm
MAX DIAMETER
1000 mm
MAX SOLIDS SIZE
125 mm Diameter
HOSE PORT
1 1/2" NPT
SUCTION FLANGE
n/a
DISCHARGE PORT
12" NPT F
POWER SOURCE
HT100D, HT150D or HT200D
PUMP CASING
Ductile Iron/Stainless Steel
IMPELLER
Ductile Iron
WEAR RING &/OR PLATE
Ductile Iron
SHAFT
17-4 PH Stainless Steel
SHAFT SEAL - STANDARD
Silicon Carbide
ALTERNATIVE SEAL
Refer to SPP
ELASTOMERS - STANDARD
Buna (N)
HYDRAULIC OIL
214-320 s.s.u. @ 64 Deg. C
INPUT FLOW
340 l/m Maximum
OPERATING PRESSURE
172 bar Maximum