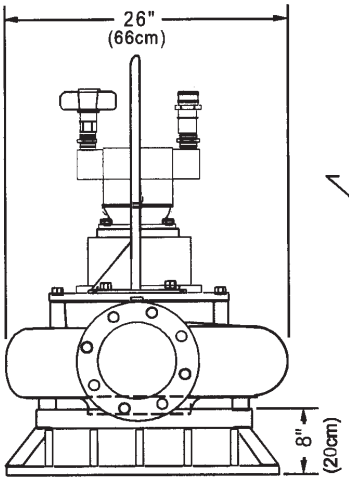
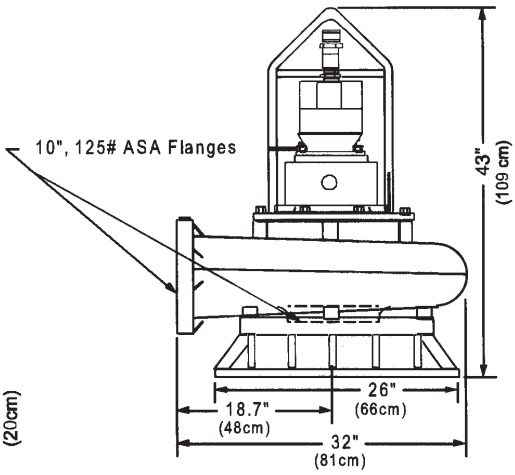
DEWATERING
HYDRAFLOW DATA SHEET

S6250 250MM HYDRAULIC SUBMERSIBLE SOLIDS HANDLING PUMP

The SPP HYDRAFLOW S6250 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 340 l/m

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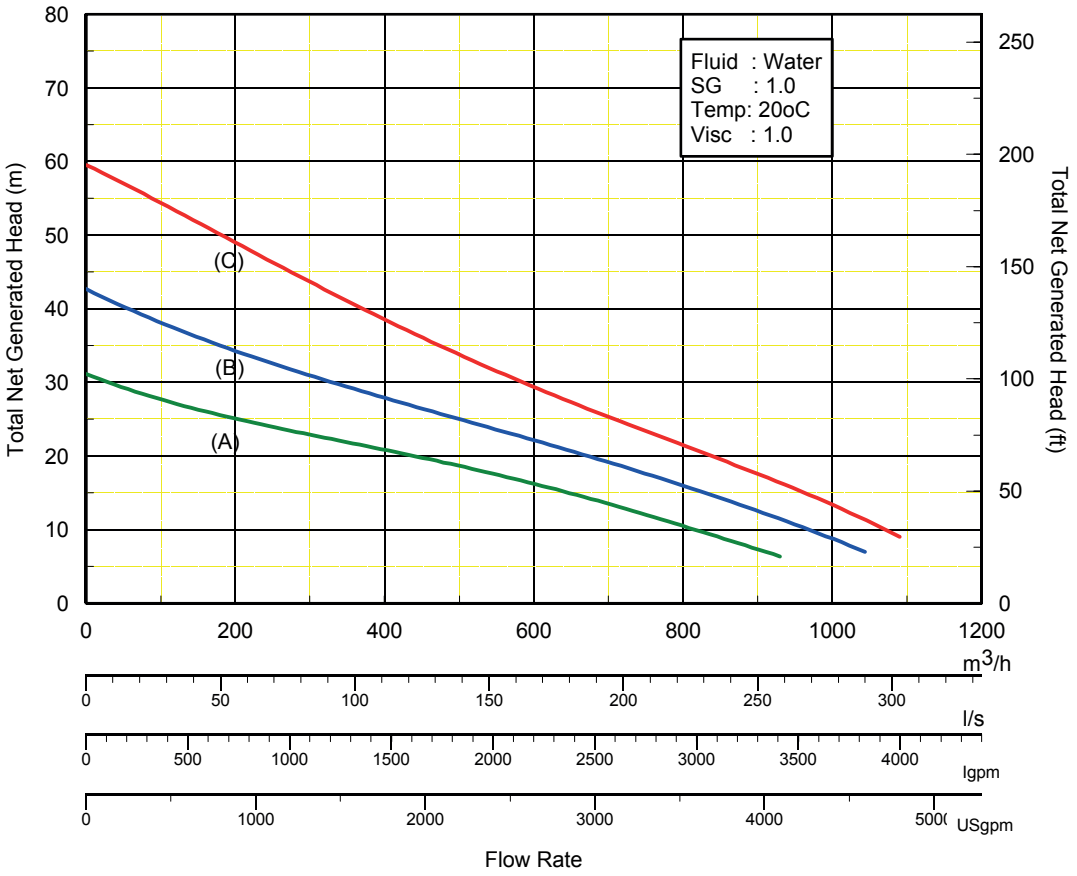

Hydraulic Performance with:
(A) HT100D
(B) HT150D
(C) HT200D

HYDRAULIC SUBMERSIBLE PUMP

PUMP TYPE	S6250
BRANCH SIZES	Suction: 250mm x Disch: 250mm
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
1100 m³/h Maximum
DISCHARGE HEAD
59 m Maximum
WEIGHT
325 kg
HEIGHT
1090 mm
MAX DIAMETER
810 mm
MAX SOLIDS SIZE
125 mm Diameter
HOSE PORT
1 1/2" NPT
SUCTION FLANGE
10" 125# Flange
DISCHARGE PORT
10" 125# Flange
POWER SOURCE
HT100D, HT150D or HT200D
PUMP CASING
Cast Iron/Stainless Steel
IMPELLER
Ductile Iron
WEAR RING &/OR PLATE
n/a
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

spp PUMPS
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