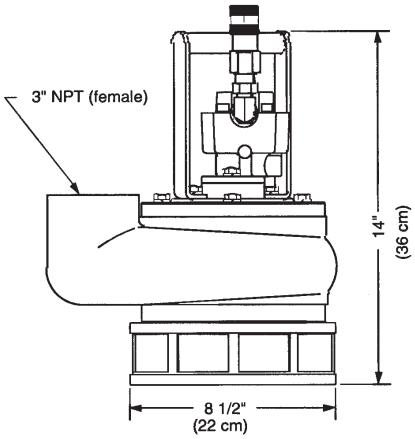
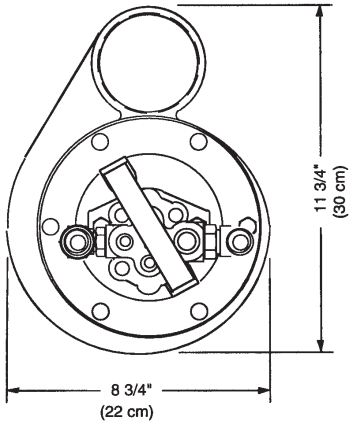
DEWATERING
HYDRAFLOW DATA SHEET

S3T 75MM HYDRAULIC SUBMERSIBLE
SEWAGE OR WASTEWATER PUMP

The SPP HYDRAFLOW S3T Hydraulic Drive Submersible Pump model is designed for pumping jobs such as construction sites and manhole pumping where lightweight, high volume, sewage pumps are needed. It has the ability to pass though a 300mm opening and pump in debris laden areas. A small hole strainer is available for limiting solids to be pumped.





DESIGN FEATURES

- Variable Speed.
- Vortex Impeller for solids handling.
- Oil Lubricated Seals - pump can run dry.
- Dependable gear type hydraulic motor.
- Small overall size allows for use in very tight spaces.
- Can be bolted to standard pipe flange and used as an in-line booster pump.
- Safe Hydraulic Drive can be used where electric power is hazardous or impractical.
- Operates with our HT11D, HT25D, HT35D or HSQ35D Hydraulic Power Units or any open centre power source with output flows to 30 l/m.

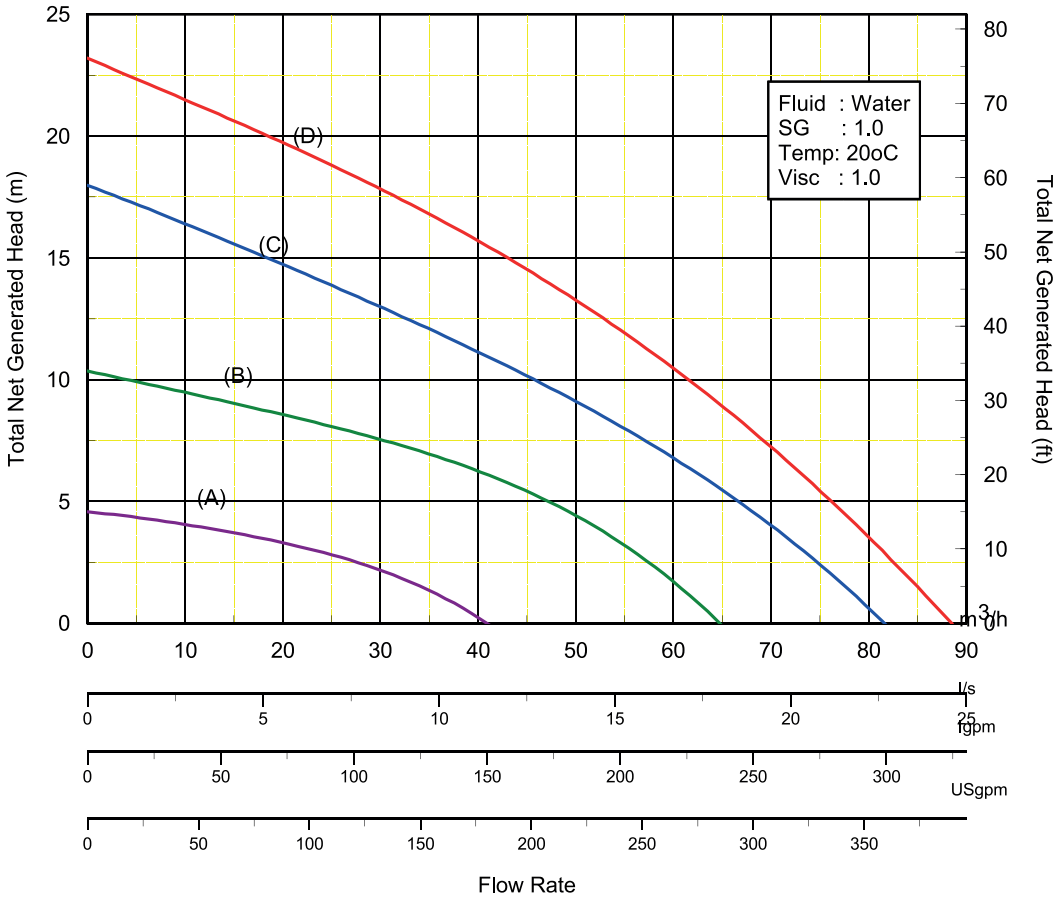
spp PUMPS

FOR WHERE IT REALLY MATTERS

Crucible Close, Mushet Industrial Park, Coleford, GL16 8PS

Tel: +44 (0)1594 832701 | +44 (0)1594 838280 | dewatering@sppumps.com

DEWATERING
HYDRAFLOW DATA SHEET



Hydraulic Input: (A) 11 l/m @ 48 bar (B) 19 l/m @ 107 bar
(C) * 26 l/m @ 145 bar (D) 30 l/m @ 172 bar
* Typical performance with HT25D

HYDRAULIC SUBMERSIBLE PUMP

PUMP TYPE	S3T
BRANCH SIZES	Suction: 75mm x Disch: 75mm
IMPELLER	Vortex
SOLIDS HANDLING	63 mm diameter
HYDRAULIC MOTOR	Gear
INPUT - HYDRAULIC FLOW	30 l/m
INPUT - HYDRAULIC PRESSURE	172 bar
HYDRAULIC OIL	ISO 46
HYDRAULIC OIL TEMPERATURE	Max 140°F

PUMP SPECIFICATIONS

FLOW RATE
88 m³/h Maximum
DISCHARGE HEAD
23 m Maximum
WEIGHT
DI - 22kg or AL - 11 kg
HEIGHT
360 mm
MAX DIAMETER
300 mm
MAX SOLIDS SIZE
63 mm Diameter
HOSE PORT
1/2" NPT F
SUCTION FLANGE
3" 125# ASA
DISCHARGE PORT
3" NPT F
POWER SOURCE
HT11D, HT25D, HT35D or HSQ35D
PUMP CASING
Ductile Iron Aluminium or St Steel
IMPELLER
Stainless Steel
WEAR RING &/OR PLATE
Ductile Iron
SHAFT
Plated 4140 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
30 l/m Maximum
OPERATING PRESSURE
172 bar Maximum

FOR WHERE IT REALLY MATTERS
Crucible Close, Mushet Industrial Park, Coleford, GL16 8PS
Tel: +44 (0)1594 832701 | +44 (0)1594 838280 | dewatering@sppumps.com