Solids handling 'S' pump

Pump end specification

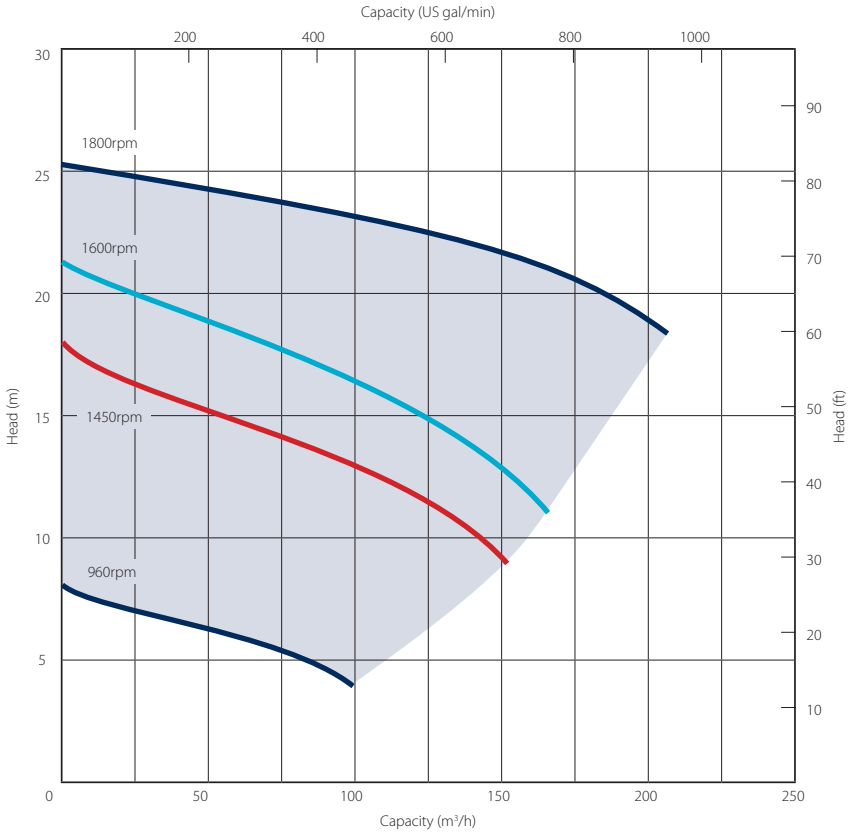
	Metric	US
Capacity	208 m³/h	915 gpm
Total Head	25 m	82 ft
Max. Solids Size	75 mm	3 in
Self Priming Lift	8.8 m	28 in
Air Handling	24 l/s	50 cfm
Selprime® Absorbs	2.2 kW	3 hp
Power Required	26 kW	35 hp
Pump Speed Max.	1800 rpm	1800 rpm
Pump Speed Min.	960 rpm	960 rpm
Impeller Type	Vortex	Vortex
Impeller Blades	6	6
Impeller Diameter	215 mm	8.5 in
Inlet Port	DN 100 PN6	4 PN6
Outlet Port	DN 100 PN6	4 PN6
Length Width Height	93 cm 68 cm 71 cm	36.6 in 26.8 in 28.0 in
Weight	225 kg	496 lb

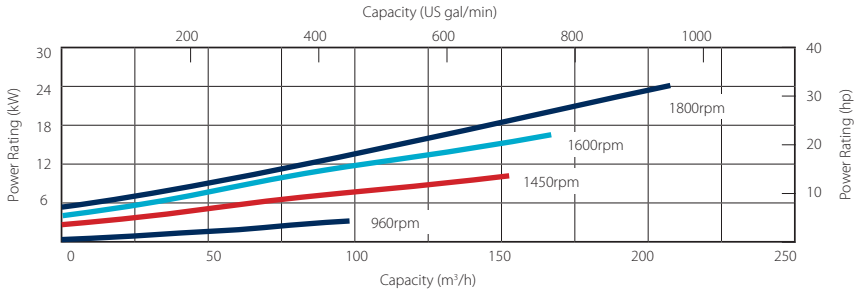
Priming method - Selprime®

The unique original Selwood self priming system utilising a water tolerant diaphragm air pump. An environmentally friendly design that has none of the problems of oil vapour emissions and oil emulsification associated with other priming systems.

Pump end materials

Pump Casing	Grey Iron BSEN 1561 Grade EN-GJL-200
Impeller	Cast Iron BSEN 1563 Grade EN-GJS-450-10
Wear Plates	NA
Shaft	Steel BS EN 10277 Grade C40+C
NRV Body	Grey Iron BSEN 1561 Grade EN-GJL-200
Mechanical Seal	Ceramic v Silicon Carbide
Pump End Bearing	Ball
Drive End Bearing	Cylindrical Roller





Please note: The above curve covers the complete range and ability of the pump unit. Actual performance will be subject to the motor/engine indicated overleaf.

SELWOOD
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UK
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International
Contact your Account Manager or visit our website

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Specifications and illustrations are subject to revision without notice.

Solids handling 'S' pump builds

Our 'S Range' pumps are the market-leader when it comes to solids handling.

A screw impellor, Selprime® automatic self-priming, emission compliant engines and ease of operation means trouble-free pumping of

- raw and screened sewage
- sludge or slurry
- water with fine and large solids
- water containing rags and fibres

The Eco range benefits from:-

- Eco friendly engine which meets current legislation and regulations
- 28.5% increase in pressure

Super Silent units:-

- Quietest pumps on market – EU directive 2000/14/EC
- Improved canopy design
- Auto stop/start control
- Oil drain kit
- Bulk fuel kit
- Remote pump monitoring



Standard build	Super Silent Eco5 Pt. No. 1020053S60	
	Metric	US
Length Width Height	245 cm 120 cm 176 cm	96 in 47 in 69 in
Dry Weight Gross Weight	1730 kg 1930 kg	3814 lb 4255 lb
Sound Power Sound Pressure @ 1m (3ft) Sound Pressure @ 7m (23ft)	94 LWA 74 db(A) 67 db(A)	
Pump SAE Size	SAE 4	
Motor	Hatz 3H50TICD	
Emission Rating	Stage V	Tier 4 Final
Engine / Motor Max Speed	1800 rpm	
Fuel Tank Capacity.**	225 lt	60 US gal
BEP - Fuel Consumption	4.7 lt/hr	1.06 US gal/hr

** Fuel tank capacity can be increased with the addition of an auxiliary fuel tank.

Installation drawings are available upon request.

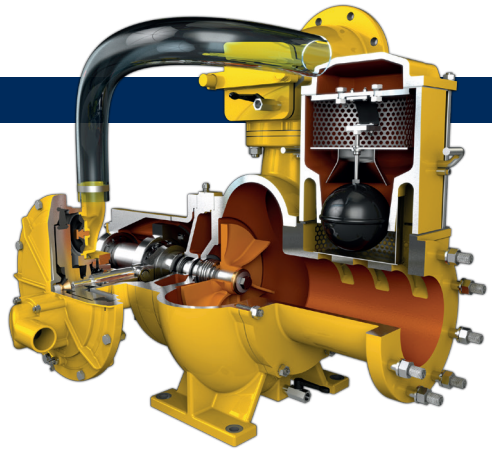
Deep Sea DSE E800 - Pump Monitoring

- Remote pump condition monitoring
- Cloud based information management telemetry system
- Fully programmable software
- Ability to measure a multitude of pump & engine conditions including:-
  - Engine speed
  - Fuel conditions
  - Engine temperature

Optional extras

Training
Genuine parts
Valves / Fittings
Pump accessories

Tanks & filtration
Pipe stoppers
Hose / pipework



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