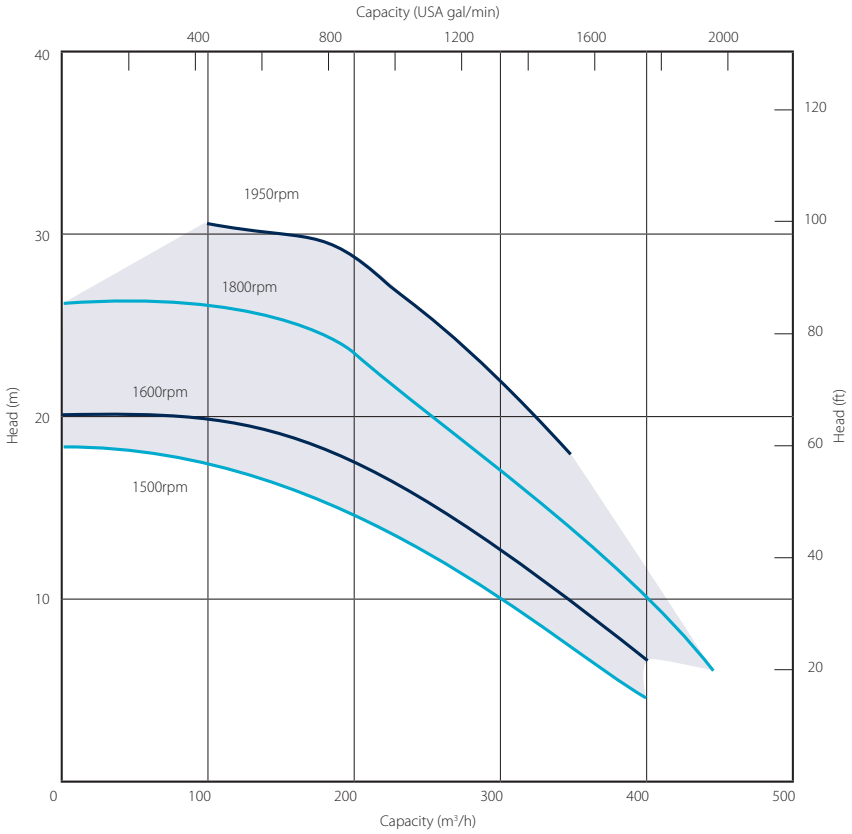
Solids handling 'S' pump

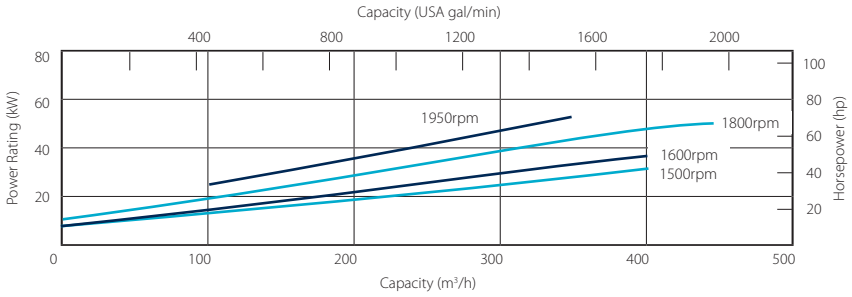
Pump end specification		
	Metric	US
Capacity	448 m^3/h	1972 gpm
Total Head	31m	102 ft
Max. Solids Size	100mm	4 in
Self Priming Lift	8.8m	28 ft
Air Handling	24 l/s	50 cfm
Selprime® Absorbs	2.2 kW	3 hp
Power Required	52 kW	70 hp
Pump Speed Max.	1950 rpm	1950 rpm
Impeller Type	Vortex	Vortex
Impeller Blades	6	6
Impeller Diameter	235 mm	9.25 in
Inlet Port	PN16 DN150	6 in
Outlet Port	PN16 DN150	6 in

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	Silicon Carbide v Silicon Carbide
Pump End Bearing	Ball
Drive End Bearing	Cylindrical Roller





SELWOOD

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Specifications and illustrations are subject to revision without notice.

Solids handling 'S' pump

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

The vortex-flow design (Seltorque®), SelPrime® automatic self-priming, emission compliant engines and ease of operation means trouble-free pumping of

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

Reducing environmental impact

We are committed to reducing our environmental impact by producing the most efficient equipment we can.

All Selwood Eco and Eco5 pumps can run on hydrotreated vegetable oil (HVO) fuel as an alternative to diesel.

Super Silent units include:-

- Quietest pumps on the market – EU directive 2000/14/EC
- Improved canopy design
- 10% increase in performance
- Auto stop/start control
- Oil drain kit
- Bulk fuel kit



Standard build	Cat Super Silent Eco5 Pt No. 1522128S60	
	Metric	US
Length Width Height	241 cm 127 cm 181 cm	95 in 50 in 71 in
Dry Weight Gross Weight	1790 kg 2000 kg	3946 lb 4409 lb
Sound Power Sound Pressure @ 1m (3ft) Sound Pressure @ 7m (23ft)	94 (LwA) 79 db(A) 65 db(A)	
Engine	Cat C2.2	
Emission Rating	Stage V	Tier 4 Final
Engine Speed - Max Engine Speed - Min	**1950 rpm** **1400 rpm**	
Fuel Tank Capacity.**	210 lt	55 US gal
BEP - Fuel Consumption	10 lt/hr	3.4 US gal/hr

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

Installation drawings are available upon request.

Remote Pump Monitoring Option

Deep Sea Web Net

- Remote pump condition monitoring
- Cloud based information management telemetry system
- Monitor pump & engine conditions via Canbus module which links the engine and ECU
- Ability to measure a multitude of pump & engine conditions including:-
  - Discharge & suction pressure
  - Engine speed
  - Fuel conditions
  - Engine temperature

Optional extras

- Bauer fittings
- Training
- Genuine parts kits
- Valves / Fittings
- Pump accessories
- Tanks & filtration
- Pipe stoppers
- Hose / pipework

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