Solids handling 'S' pump

Pump end specification

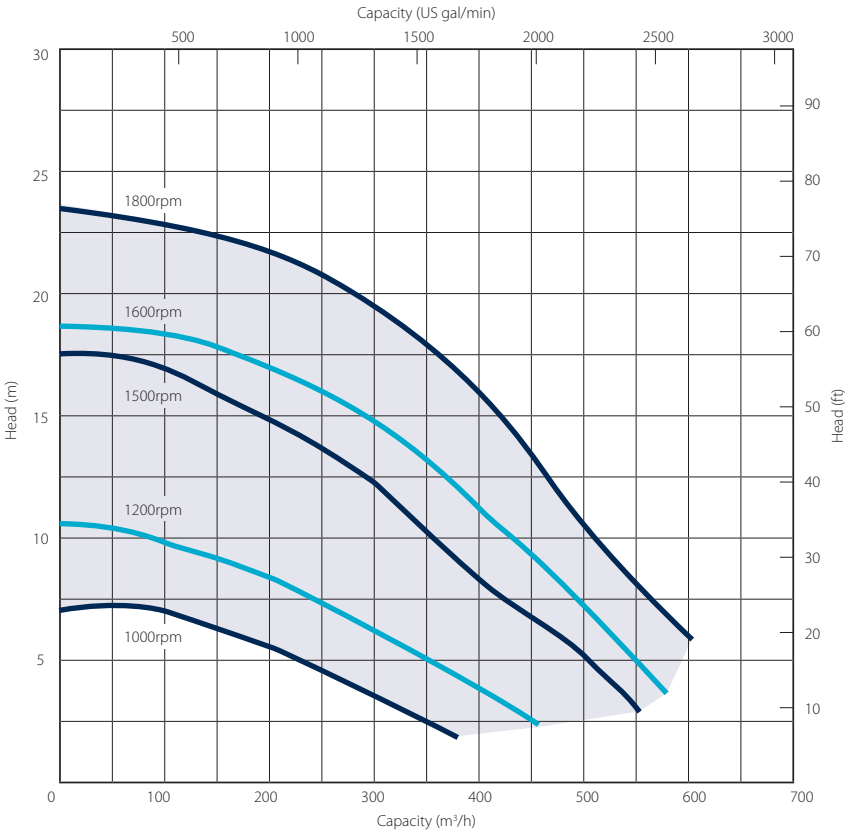
	Metric	US
Capacity	601 m³/h	2646 gpm
Total Head	23 m	75 ft
Max. Solids Size	100 mm	4 in
Self Priming Lift	8.8 m	28 ft
Air Handling	24 l/s	50 cfm
Selprime® Absorbs	2.2 kW	3 hp
Power Required	60 kW	80 hp
Pump Speed Max.	1800 rpm	1800 rpm
Impeller Type	Vortex	Vortex
Impeller Blades	8	8
Impeller Diameter	220 mm	8.66 in
Inlet Port	DN 200 PN6	8 in
Outlet Port	DN 200 PN6	8 in

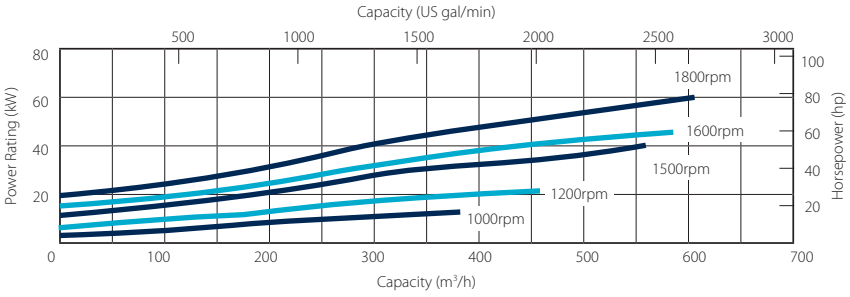
Priming method - Selprime®

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.

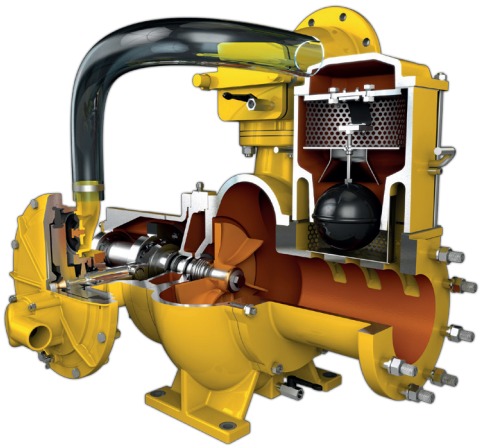
Pump end materials

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





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



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 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
- Auto stop/start control
- Oil drain kit
- Bulk fuel kit
- Remote pump monitoring



Standard build	Deutz Super Silent Eco5	
	Metric	US
Length Width Height	240 cm 140 cm 217 cm	95 in 55 in 85 in
Dry Weight Gross Weight	2450 kg 2700 kg	5291 lb 5953 lb
Sound Power Sound Pressure @ 1m (3ft) Sound Pressure @ 7m (23ft)	100 LWA 78 db(A) 70 db(A)	
Engine	Deutz TCD3.6	
Emission Rating	Stage V	Tier 4 Final
Engine Speed - Max Engine Speed - Min	**1800 rpm** **1000 rpm**	
Fuel Tank Capacity.**	300 lt	79 US gal
BEP - Fuel Consumption	9.75 lt/hr	2.56 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

SelWatch

- 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

Please note: SelWatch may not be available in all territories. Contact your local Selwood Sales Manager or Distributor for details.

Optional extras

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

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