Electric solids handling 'S' pump

Pump end specification

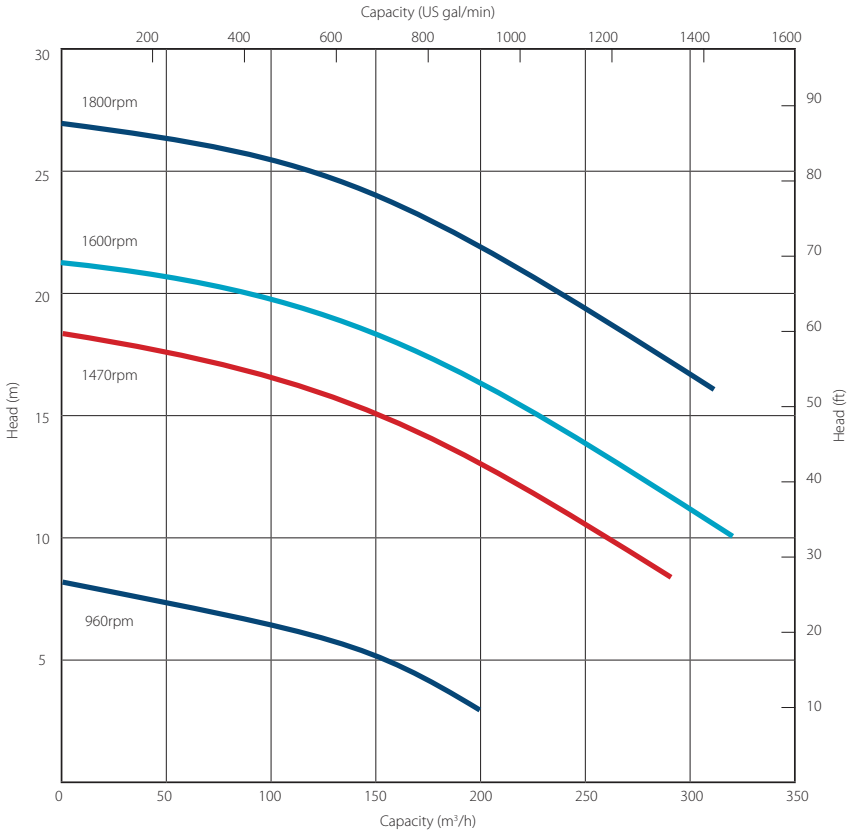
	Metric	US
Capacity	310 m^3/h	1408 gpm
Total Head	27m	89 ft
Max. Solids Size	100mm	4 in
Self Priming Lift	8.8m	28 ft
Air Handling	24 l/s	50 cfm
Selprime® Absorbs	2.2 kW	3 hp
Power Required	30 kW	40 hp
Pump Speed Max.	1800 rpm	1800 rpm
Pump Speed Min.	960 rpm	960 rpm
Impeller Type	Vortex	Vortex
Impeller Blades	6	6
Impeller Diameter	235 mm	9.25 in
Inlet Port	DN 150 PN6	6 PN6
Outlet Port	DN 150 PN6	6 PN6
Length Width Height	102 cm 70 cm 82 cm	40.2 in 27.6 in 32.3 in
Weight	315 kg	694 lb

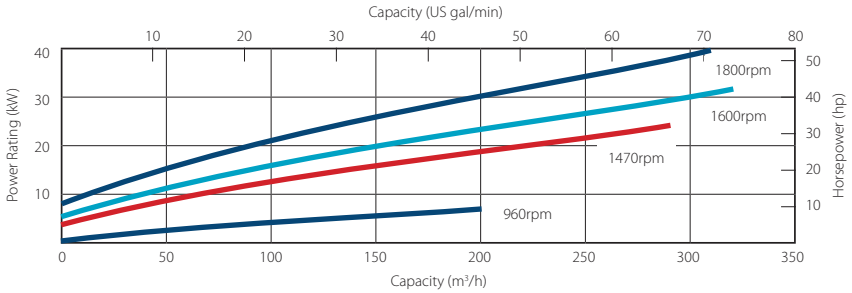
Priming method - Selprime®

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





SELWOOD
www.selwood.co.uk

Bournemouth Road
Chandler's Ford, Eastleigh
Hampshire
SO53 3ZL UK

T +44(0) 23 8026 6311
E info@selwood.co.uk

Specifications and illustrations are subject to revision without notice.

Electric solids handling 'S' pump builds

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





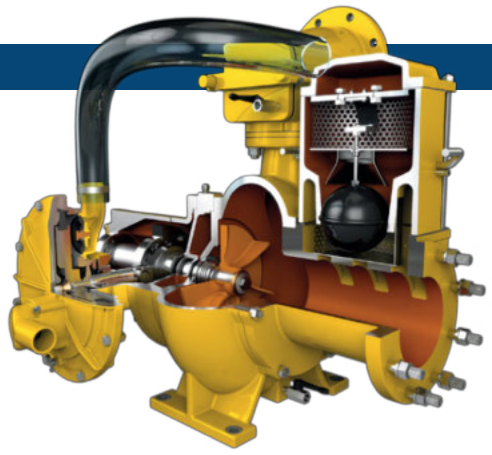
Standard builds	Skid*		Super Silent	
	Metric	US	Metric	US
Length Width Height	200 cm 100 cm 114 cm	79 in 39 in 45 in	215 cm 158 cm 177 cm	85 in 62 in 68 in
Gross Weight	825 kg	1819 lb	1625 kg	3583 lb
Sound Power Sound Pressure @ 1m (3ft) Sound Pressure @ 7m (23ft)	96 LWA 73 db(A) 64 db(A)		89 LWA 67 db(A) 59 db(A)	
Pump SAE Size	bare shaft		bare shaft	
Motor	30 kW 400/3/50	40 hp	30 kW 400/3/50	40 hp
Emission Rating	-	-	-	-
Engine / Motor Max Speed	1800 rpm		1800 rpm	

*Open sets exclude fittings

Installation drawings are available upon request.

Optional extras

- Training
- Genuine parts
- Valves / Fittings
- Pump accessories
- Tanks & filtration
- Pipe stoppers
- Auto stop/start control panels
- Pump telemetry
- Oil drain kit
- Hose / pipework
- DOL panels
- Soft Start panels
- Variable speed drive panels



SELWOOD
www.selwood.co.uk

Bournemouth Road
Chandler's Ford, Eastleigh
Hampshire
SO53 3ZL UK

T +44(0) 23 8026 6311
E info@selwood.co.uk

Specifications and illustrations are subject to revision without notice.