Electric solids handling 'S' pump

Pump end specification

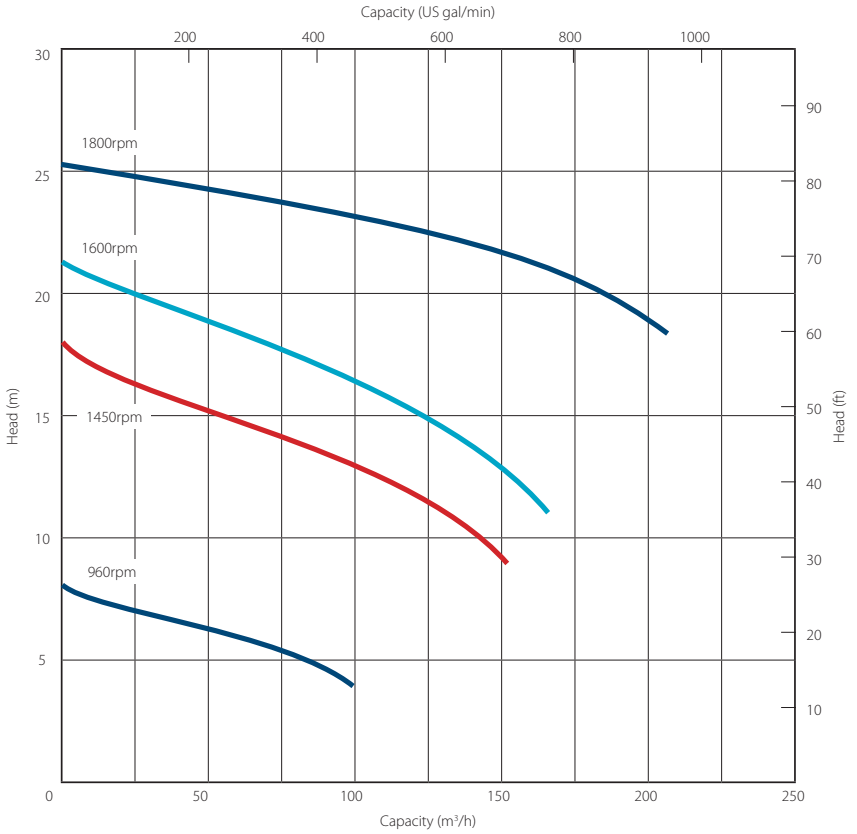
	Metric	US
Capacity	208 m³/h	915 gpm
Total Head	25 m	82 ft
Max. Solids Size	75 mm	3 in
Self Priming Lift	8.8 m	28 in
Air Handling	24 l/s	50 cfm
Selprime® Absorbs	2.2 kW	3 hp
Power Required	26 kW	35 hp
Pump Speed Max.	1800 rpm	1800 rpm
Pump Speed Min.	960 rpm	960 rpm
Impeller Type	Vortex	Vortex
Impeller 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

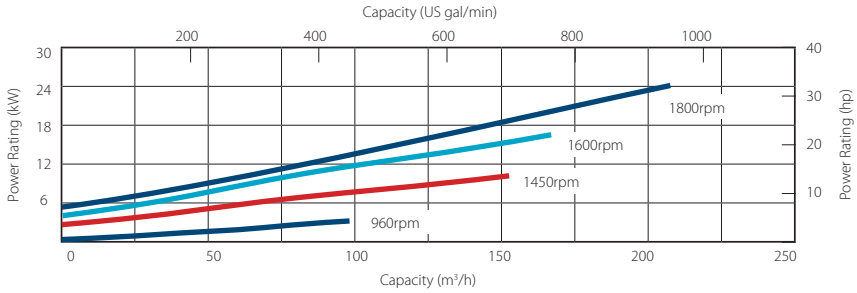
Priming method - Selprime®

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





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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	Static		Super Silent		Static		Skid*		Super Silent	
	Metric	US	Metric	US	Metric	US	Metric	US	Metric	US
Length Width Height	139 cm 74 cm 87 cm	55 in 29 in 34 in	200 cm 131 cm 160 cm	79 in 52 in 63 in	160 cm 71 cm 90 cm	63 in 28 in 35 in	182 cm 100 cm 114 cm	72 in 39 in 45 in	224 cm 150 cm 172 cm	88 in 59 in 68 in
Gross Weight	380 kg 380 kg	838 lb 838 lb	1100 kg 1100 kg	2425 lb 2425 lb	500 kg 500 kg	1144 lb 1144 lb	690 kg 690 kg	1521 lb 1521 lb	1550 kg 1550 kg	3420 lb 3420 lb
Sound Power Sound Pressure @ 1m (3ft) Sound Pressure @ 7m (23ft)	93 LWA 73 db(A) 66 db(A)		79 LWA 56 db(A) 52 db(A)		102 LWA 94 db(A) 77 db(A)		100 LWA 78 db(A) 69 db(A)		96 LWA 75 db(A) 65 db(A)	
Pump SAE Size	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Motor	7.5 kW 400/3/50	10 hp	7.5 kW 400/3/50	10 hp	18.5kW 400/3/50	25 hp	22 kW 400/3/50	29 hp	22 kW 400/3/50	29 hp
Emission Rating	-	-	-	-	-	-	-	-	-	-
Engine / Motor Max Speed	1450 rpm		1450 rpm		1500 rpm		1800 rpm		1800 rpm	

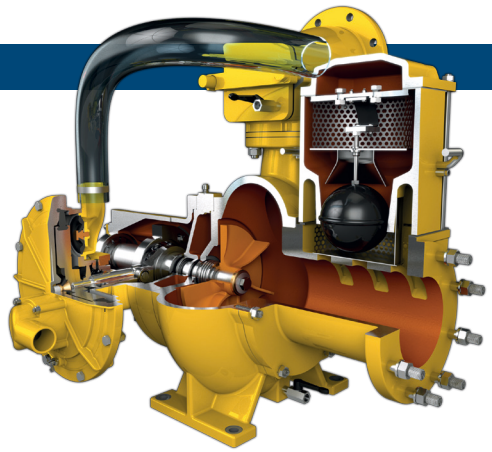
*Open sets exclude fittings

Installation drawings are available upon request.

Optional extras

Training
Genuine parts
Valves / Fittings
Pump accessories
Tanks & filtration

Pipe stoppers
Hose / pipework
DOL panels
Soft Start panels
Variable speed drive panels



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