

Selwood Solids Handling 'S' Pump



S150



Specification

Capacity	m ³ /h	320
Total Head	m	27
Max. Solids Size	mm	100
Self Priming Lift	m	8.8
Air Handling	l/s	24
Selprime, Absorbs	kW	2.2
Power Required	kW	40
Pump Speed Max.	rpm	1800
Pump Speed Min.	rpm	1600
Impeller Type	Vortex	
Impeller Blades	6	
Impeller Dia.	mm	235
Inlet Port	mm	DN 150 PN6
Outlet Port	mm	DN 150 PN6
Fuel Tank Capacity*	ltrs	219
Fuel Consumption BEP	lt/hr	7.6 @ 1800rpm 5.7 @ 1600rpm

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

Priming Method



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 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

Prime Movers

Diesel Engine	Isuzu 4LE2X
Emission Standard	EU Stage IV / US Tier 4 Final

Electric motors available

Standard Weights & Measures

Super Silent**	Length	245 cm
	Width	152 cm
	Height	174 cm
	Dry Weight	1830 kg
	Gross Weight	2020 kg
	LWA	89
(Pt No. 1514127540)	db(A)@ 1m	68

** Close Coupled

Optional Extras

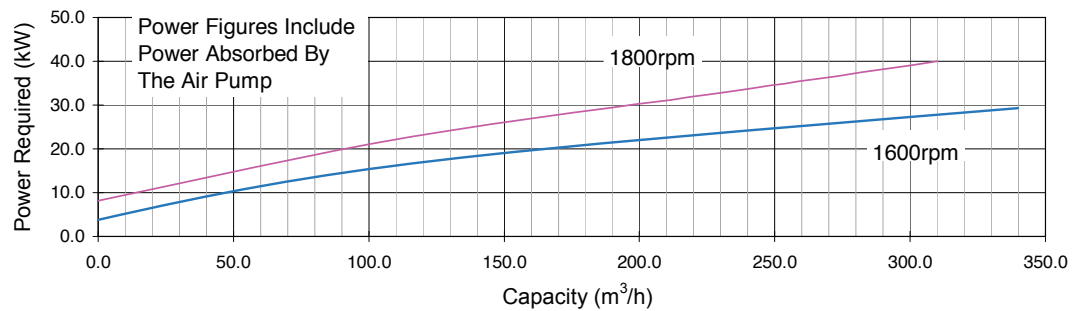
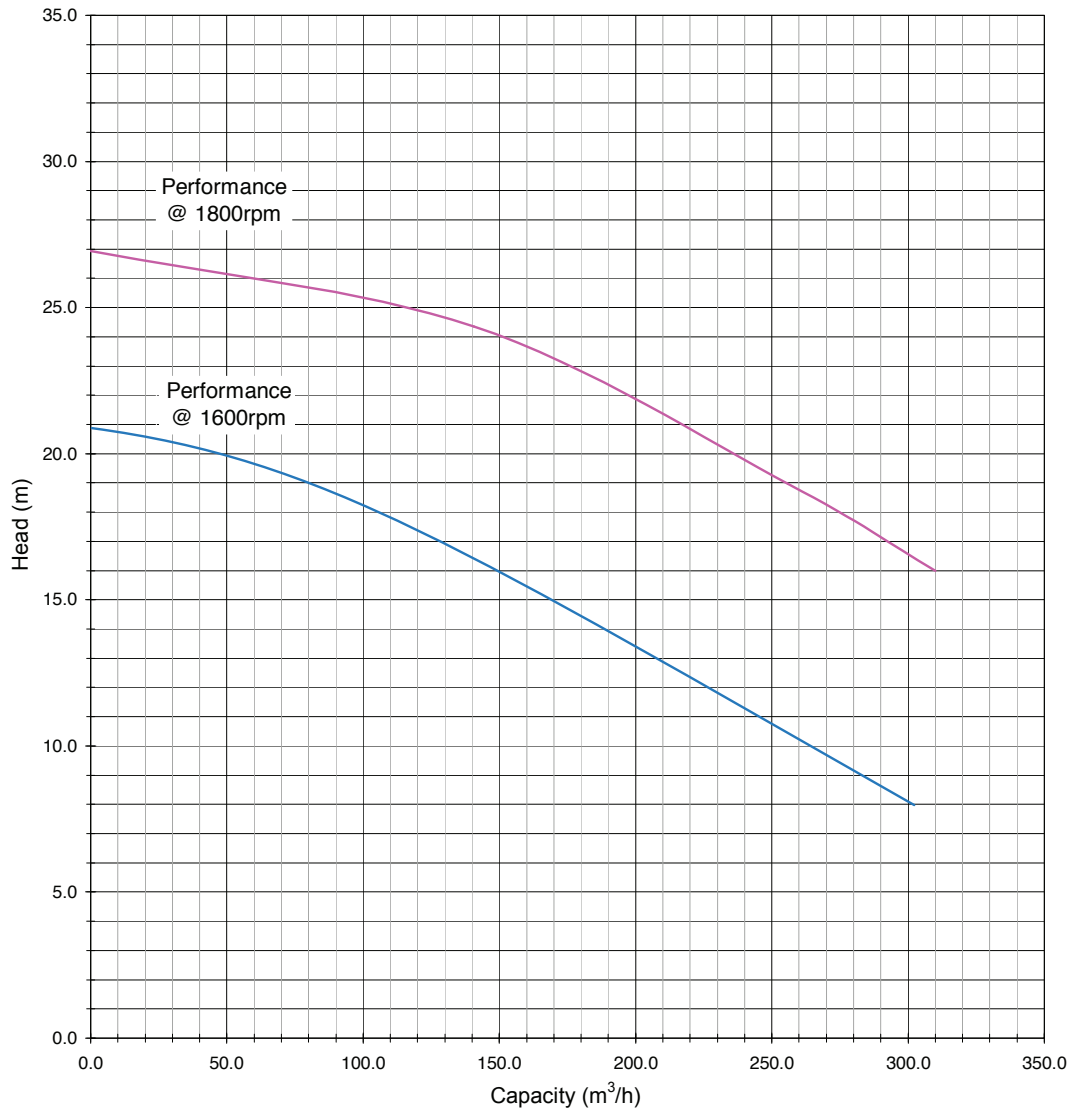
- Auto stop-start controls
- Telemetry system
- Oil drain service kit
- Auxiliary fuel tank connectors

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Performance Curve

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