



S100

Specification

Capacity	m ³ /h	165
Total Head	m	21.3
Max. Solids Size	mm	75
Self Priming Lift	m	8.8
Air Handling	l/s	24
Selprime, Absorbs	kW	2.2
Power Required	kW	16
Pump Speed Max.	rpm	1600
Pump Speed Min.	rpm	960
Impeller Type	Vortex	
Impeller Blades	6	
Impeller Dia.	mm	215
Inlet Port	mm	DN 100 PN6
Outlet Port	mm	DN 100 PN6
Fuel Tank Capacity*	ltrs	105 skid 219 Super Silent
Fuel Consumption BEP	lt/hr	3.2 Deutz 2.4 Perkins

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

Prime Movers

Diesel Engines Deutz D2011L03i
Perkins 404D-22

Electric motors available

Standard Weights & Measures

Skid *	Length	175 cm
	Width	100cm
	Height	129 cm
	Dry Weight	845 kg
	Gross Weight	933 kg
	LWA	109
(Pt No. 1003011000)		
Super Silent**	Length	233 cm
	Width	153 cm
	Height	178 cm
	Dry Weight	1620 kg
	Gross Weight	1802 kg
	LWA	91
(Pt No. 1010413540)	db(A)@7m	59

* Open sets exclude fittings

** Close Coupled

Optional Extras

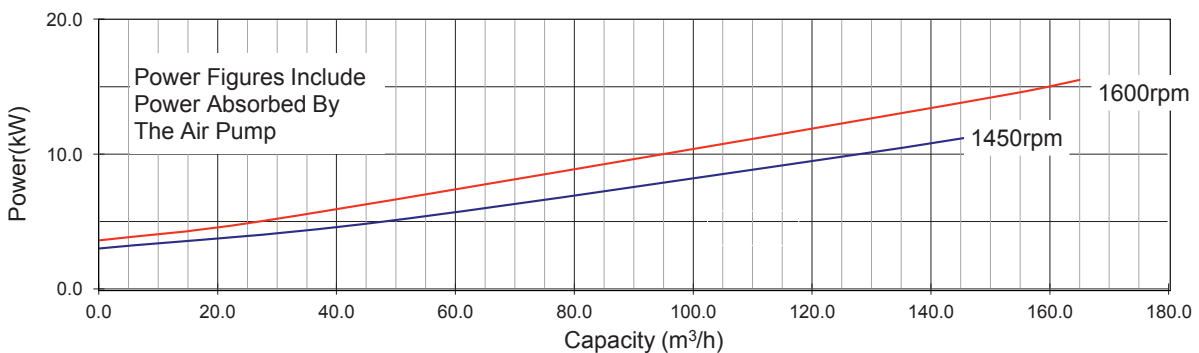
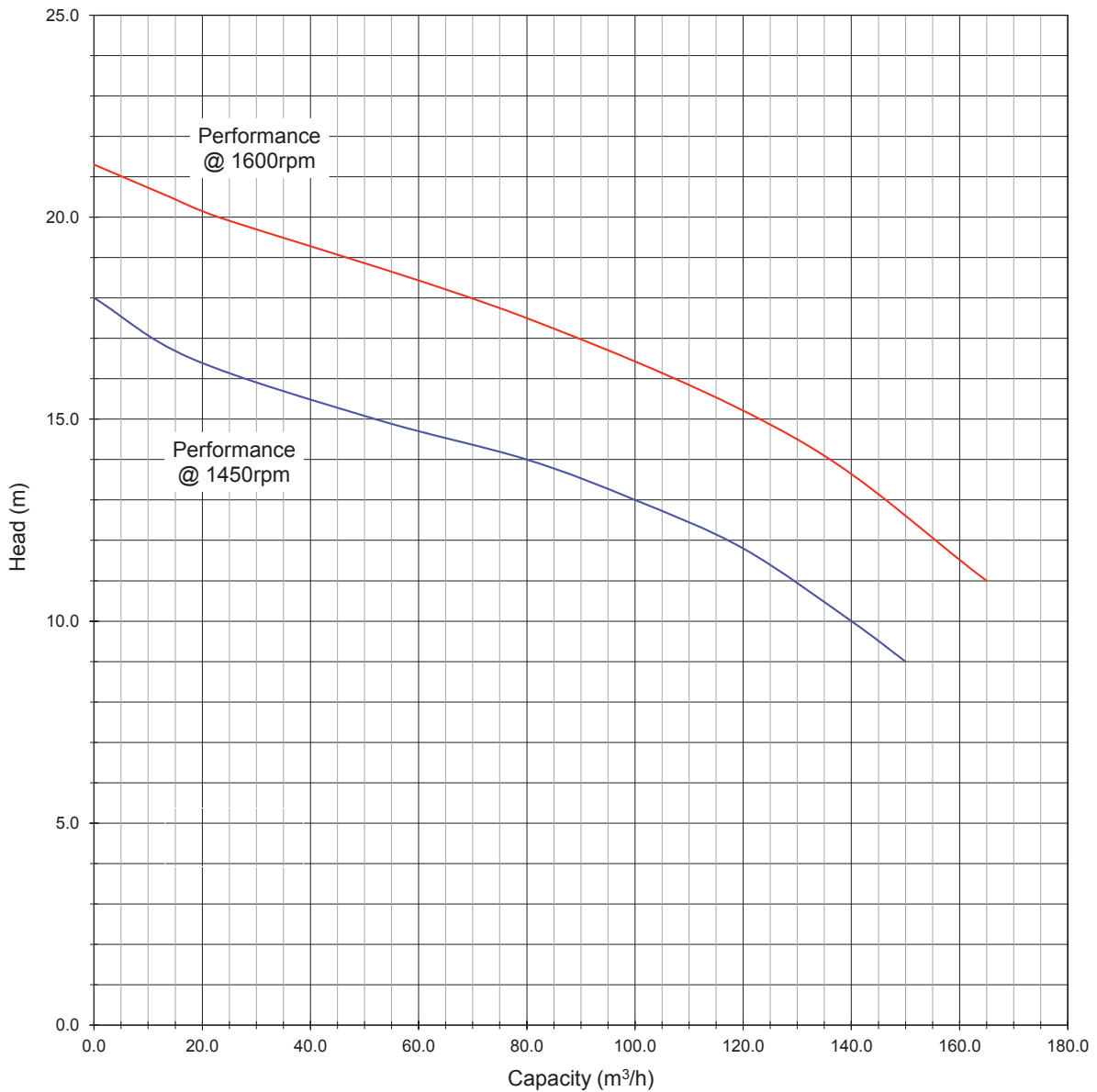
- Auto stop-start controls
- Telemetry system
- Oil drain service kit
- Auxiliary fuel tank connectors
- Chalwyn valve spark arrester

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Performance Curve

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