

# S150



## Specification

Capacity	m <sup>3</sup> /h	320
Total Head	m	21.3
Max. Solids Size	mm	100
Self Priming Lift	m	8.8
Air Handling	l/s	24
Selprime, Absorbs	kW	2.2
Power Required	kW	32
Pump Speed Max.	rpm	1600
Pump Speed Min.	rpm	1000
Impeller Type	Vortex	
Impeller Blades	6	
Impeller Dia.	mm	219 235
Inlet Port	mm	DN 150 PN6
Outlet Port	mm	DN 150 PN6
Fuel Tank Capacity*	ltrs	105 skid 219 Super Silent
Fuel Consumption BEP	lt/hr	5.4 Deutz 4.9 Iveco

\* 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 Engines Deutz D2011L04i  
Iveco F32

Electric motors available

## Standard Weights & Measures

Skid *	Length	200cm
	Width	100 cm
	Height	148 cm
	Dry Weight	995 kg
	Gross Weight	1083 kg
	LWA	109
(Pt No. 1503018000)		
Super Silent**	Length	245 cm
	Width	152 cm
	Height	174 cm
	Dry Weight	1763 kg
	Gross Weight	1945 kg
	LWA	92
	db(A)@ 7m	62
(Pt No. 1510189540)		

\* Open sets exclude fittings

\*\* Close Coupled

## Optional Extras

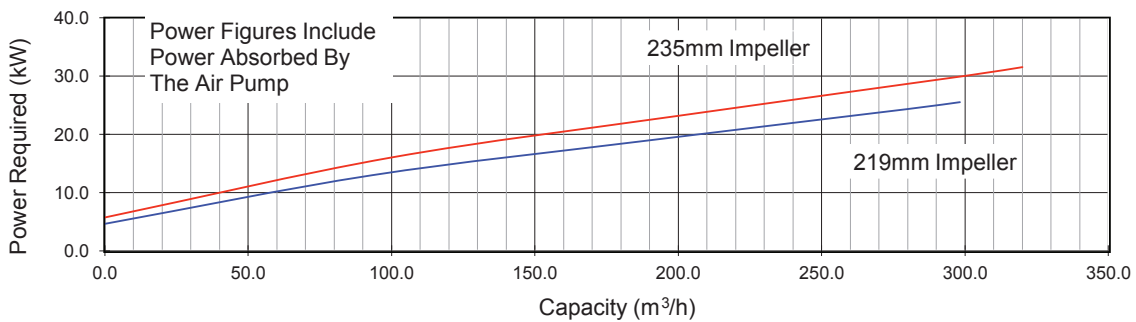
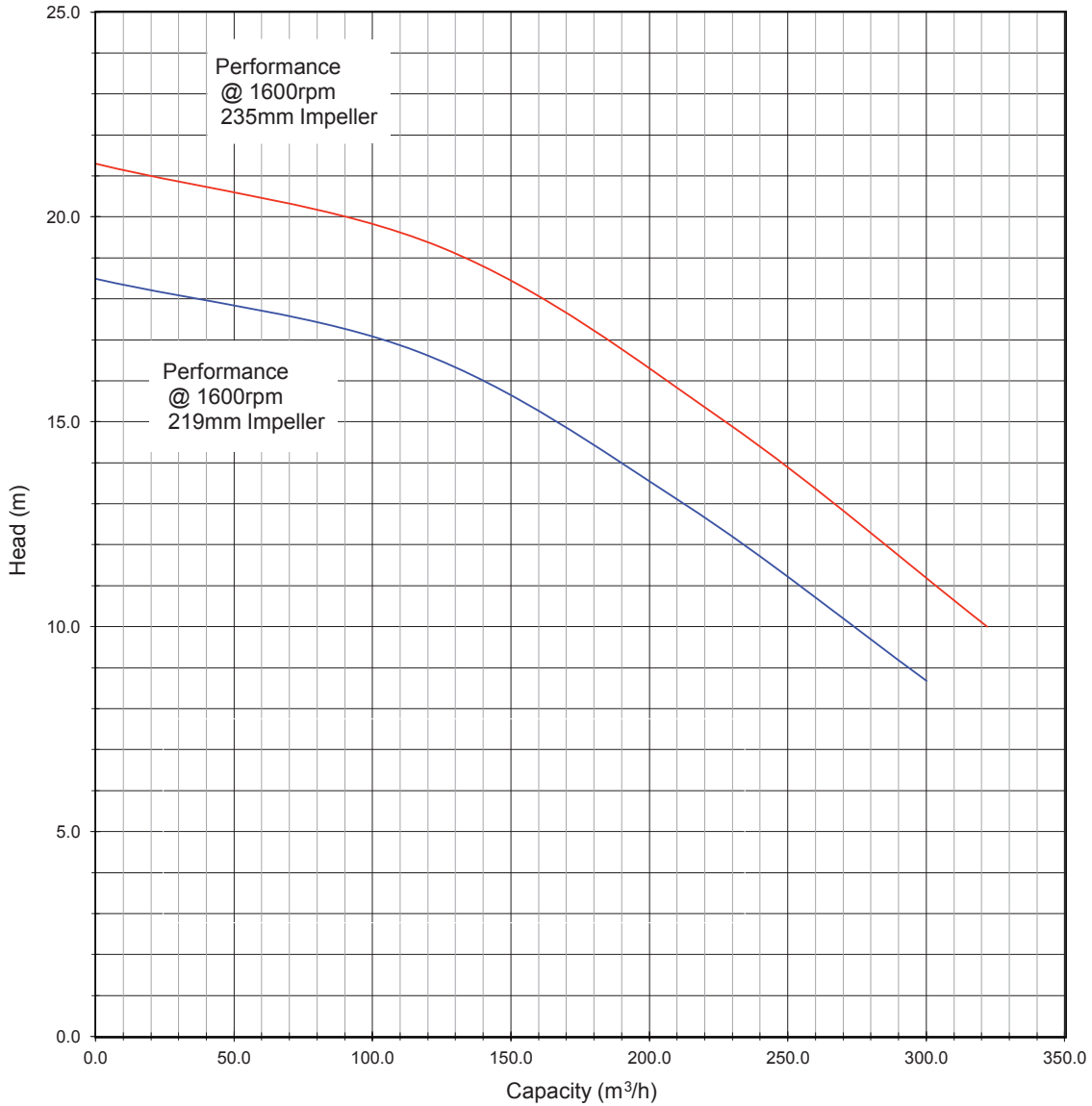
- Auto stop-start controls
- Telemetry system
- Oil drain service kit
- Auxiliary fuel tank connectors
- Chalwyn valve spark arrester

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## Performance Curve

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