

# Selwood High Head 'H' Pump



English

# H100



## Specification

Capacity	m <sup>3</sup> /h	225
Total Head	m	120
Max. Solids Size	mm	30
Self Priming Lift	m	8.8
Air Handling	l/s	24
Selprime, Absorbs	kW	2.2
Power Required	kW	82
Pump Speed Max.	rpm	2200
Pump Speed Min.	rpm	1400
Impeller Type		Closed
Impeller Blades		4
Impeller Dia.	mm	368
Inlet Port	mm	DN 100 PN6
Outlet Port	mm	DN 100 PN16
Fuel Tank Capacity*	ltrs	N/A* Skid 220 Super Silent
Fuel Consumption BEP	lt/hr	22

\* Fuel tank capacity can be increased with the addition of a fuel bowser or cube.

TBA - To be advised.

## 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	Cast Iron BS2789 Grade 500/7
Impeller	Cast Iron BS2789 Grade 500/7
Wear Plates	Cast Iron BS2789 Grade 500/7
Shaft	Steel 080M40
NRV Body	Cast Iron BS2789 Grade 500/7
Mechanical Seal	Silicon Carbide v Silicon Carbide
Pump End Bearing	Taper Roller
Drive End Bearing	Taper Roller

## Prime Movers

Diesel Engines Perkins 1104DE44T  
Cat C4.4

Electric motors available

## Standard Weights & Measures

Skid*	Length	242 cm
	Width	123 cm
	Height	164 cm
	Dry Weight	1685 kg
	Gross Weight	1685 kg
	LWA	120
(Pt No. 1310061000)		
Super Silent	Length	275 cm
	Width	155 cm
	Height	210 cm
	Dry Weight	2785 kg
	Gross Weight	2967 kg
	LWA	105
(Pt No. 1310029540)	db(A)@7m	TBA

\* Open sets exclude fittings

## Optional Extras

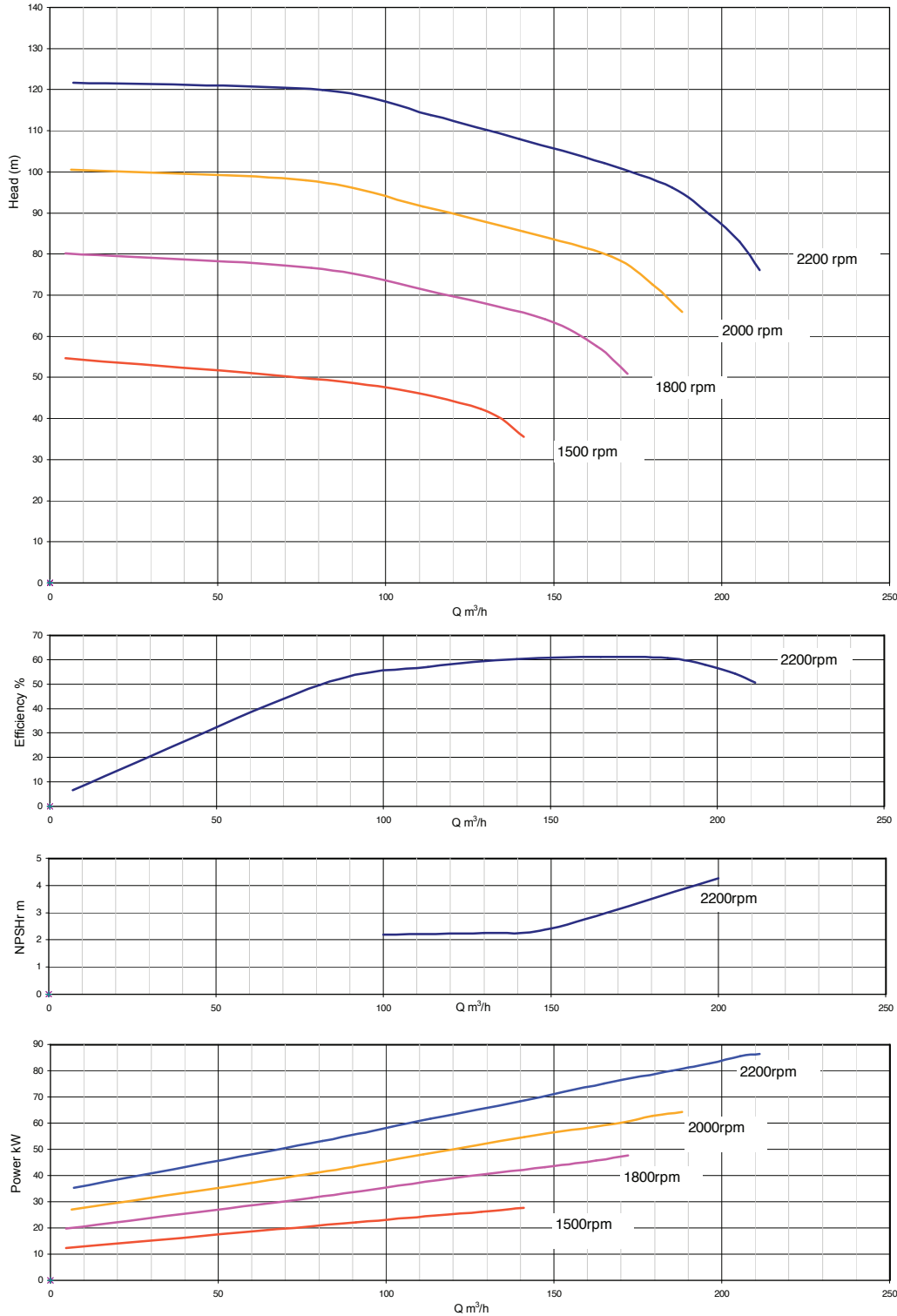
- Auto stop-start controls
- Telemetry system
- Oil drain service kit
- Auxiliary fuel tank connectors
- Chalwyn valve spark arrester

Selwood Limited, Bournemouth Road,  
Chandler's Ford, Eastleigh, Hampshire, SO53 3ZL. UK  
Tel: +44(0) 23 8025 0137 Fax: +44(0) 23 8027 1012  
E-mail: pumpsales@selwoodpumps.com  
Web: www.selwoodpumps.com



## Performance Curve

# H100



**Selwood Limited**, Bournemouth Road,  
Chandler's Ford, Eastleigh, Hampshire, SO53 3ZL. UK  
Tel: +44(0) 23 8025 0137 Fax: +44(0) 23 8027 1012  
E-mail: [pumpsales@selwoodpumps.com](mailto:pumpsales@selwoodpumps.com)  
Web: [www.selwoodpumps.com](http://www.selwoodpumps.com)

