

## High head 'H' pump

### Pump end specification

	Metric	US
Capacity	211 m <sup>3</sup> /h	929 gpm
Total Head	122 m	400 ft
Max. Solids Size	30 mm	1.18 in
Self Priming Lift	8.8 m	29 ft
Air Handling	24 l/s	50 cfm
Selprime® Absorbs	2.2 kW	3 hp
Power Required	86 kW	115 hp
Pump Speed Max.	2200	2200
Pump Speed Min.	1400	1400
Impeller Type	Closed	Closed
Impeller Blades	4	4
Impeller Diameter	368 mm	14.5 in
Inlet Port	DN 100 PN6	4 PN6
Outlet Port	DN 100 PN16	4 PN6

### Priming method - Selprime®

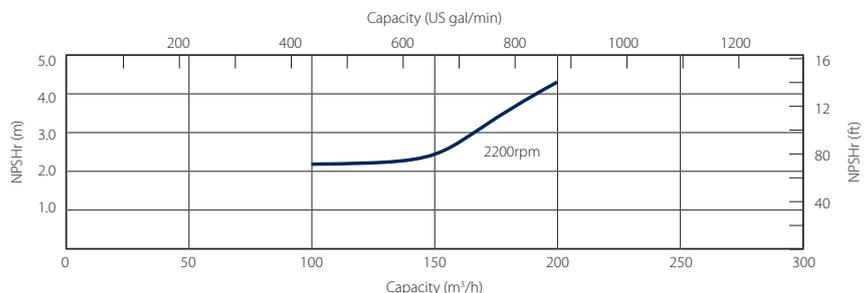
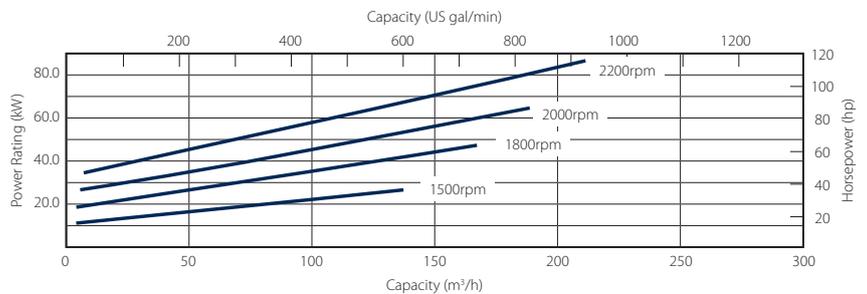
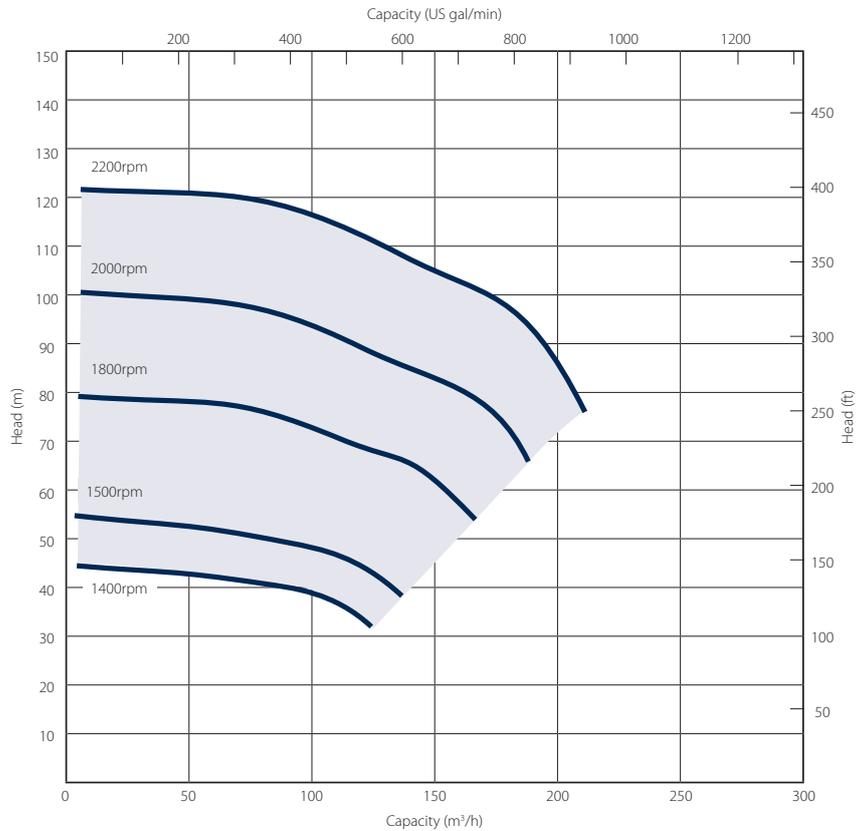
The unique original Selwood self priming system utilising a water tolerant diaphragm air pump. An environmentally friendly design that has none of the problems of oil vapour emissions and oil emulsification associated with other priming systems.

### Pump end materials

Pump Casing	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



**Due to the high pressure, bauer type quick release fittings should never be used on the outlet.**



**Please note:** The above curve covers the complete range and ability of the pump unit. Actual performance will be subject to the motor/engine indicated overleaf.

# High head 'H' pump build

**Our 'H Pumps' offer maximum performance and efficiency for high head, high pressure dewatering.**

These efficient models offer total heads up to 120m, mechanical shaft sealing, Selprime® automatic self-priming and emission compliant engines. Ideal for high head and high pressure applications, they're simple to operate and maintain.

Our H Pumps are perfect for

- High head dewatering
- Pipeline testing & cleaning
- Water boosting

## Reducing environmental impact

We are committed to reducing our environmental impact by producing the most efficient equipment we can.

All Selwood Eco4 pumps can run on hydrotreated vegetable oil (HVO) fuel as an alternative to diesel.

## Super Silent units include:-

- Quietest pumps on the market – EU directive 2000/14/EC
- Improved canopy design
- Auto stop/start control
- Oil drain kit
- Bulk fuel kit
- Remote pump monitoring



	CAT Super Silent Eco4		Electric - Skid*	
	Metric	US	Metric	US
Length	275 cm	108 in	210 cm	83 in
Width	155 cm	61 in	105 cm	41 in
Height	210 cm	83 in	149 cm	59 in
Dry Weight	2785 kg	6139 lb	1600 kg	3527 lb
Gross Weight	2967 kg	6541 lb	1600 kg	3527 lb
Sound Power	101 LWA		106 LWA	
Sound Pressure @ 1m (3ft)	79 db(A)		98 db(A)	
Sound Pressure @ 7m (23ft)	71 db(A)		81 db(A)	
Engine / Motor	CAT C4.4 T4		90 kW 400/3/50	121 hp
Emission / Electrical Rating	Stage IV	Tier 4 Final	IE3	IE3
Engine / Motor Max Speed	<b>2200 rpm</b>		<b>2200 rpm</b>	
Fuel Tank Capacity.**	380 lt	100 US gal	-	-
BEP - Fuel Consumption	21 lt/hr	4.62 US gal/hr	-	-

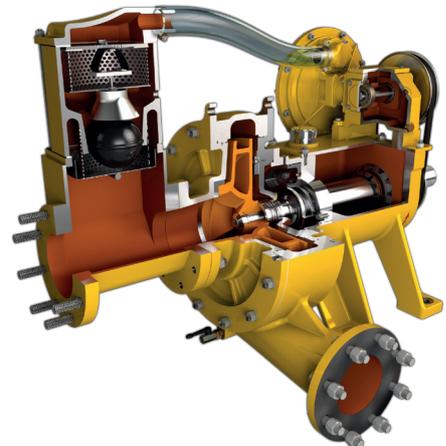
\*Open sets exclude fittings

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

Installation drawings are available upon request.

## Optional extras

- Training
- Genuine parts kits
- Valves / Fittings
- Pump accessories
- Hose / pipework
- Auto stop/start control panels
- Pump telemetry
- Oil drain kit
- Bulk fuel kit
- Tanks & filtration
- Pipe stoppers
- Chalwyn valve & spark arrester
- DOL panels
- Soft Start panels
- Variable speed drive panels
- Ultra-sonic level control panels



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