

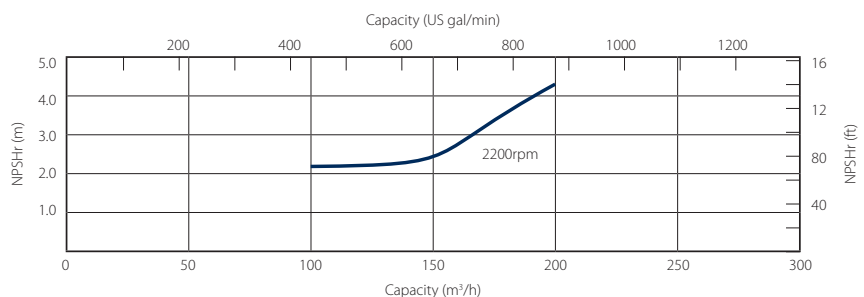
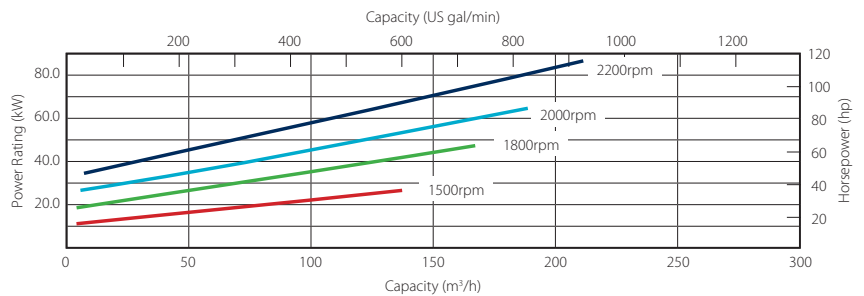
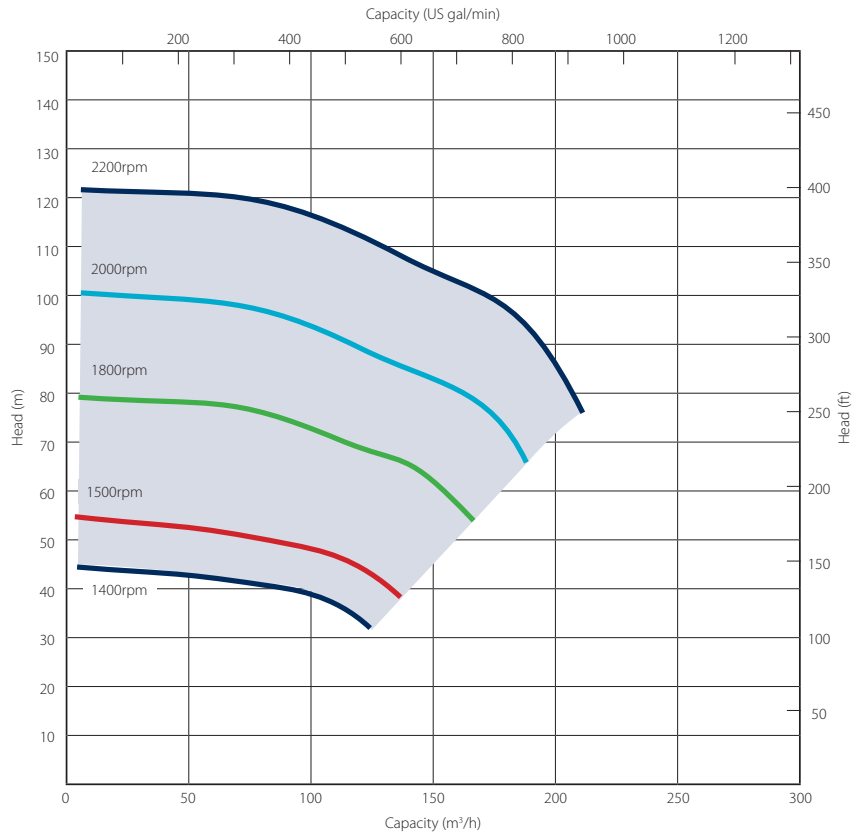
High head 'H' pump

Pump end specification		
	Metric	US
Capacity	225 m ³ /h	990 gpm
Total Head	120 m	394 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	85 kW	114 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
Length	96 cm	38 in
Width	77 cm	30 in
Height	85 cm	33½ in
Weight	380 Kg	838 lb

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



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

The Eco range benefits from:-

- Eco friendly engine which meets current legislation and regulations
- 28.5% increase in pressure

Super Silent units:-

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



Standard builds	Eco4 Super Silent		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)	
Pump SAE Size	3		bare shaft	
Engine / Motor	CAT C4.4 T4		90 kW 400/3/50	121 hp
Emission Rating	Stage IV	Tier 4 Final	-	
Engine / Motor Max Speed	2200 rpm		2200 rpm	
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 | Pump telemetry |
| Genuine parts | Oil drain kit |
| Valves / Fittings | Hose / pipework |
| Pump accessories | DOL panels |
| Tanks & filtration | Soft Start panels |
| Pipe stoppers | Variable speed drive panels |
| Auto stop/start control panels | Ultra-sonic level control panels |

