



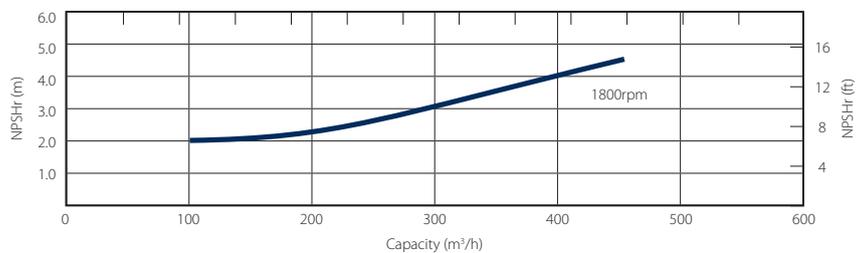
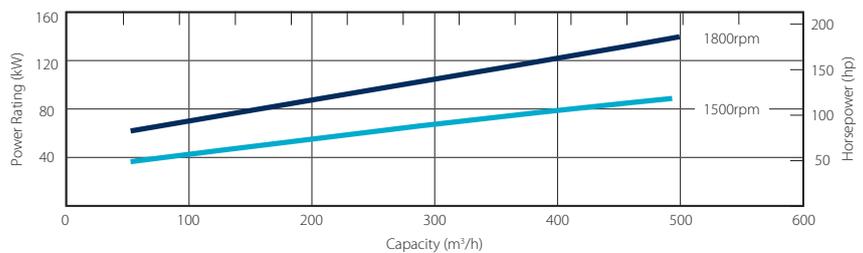
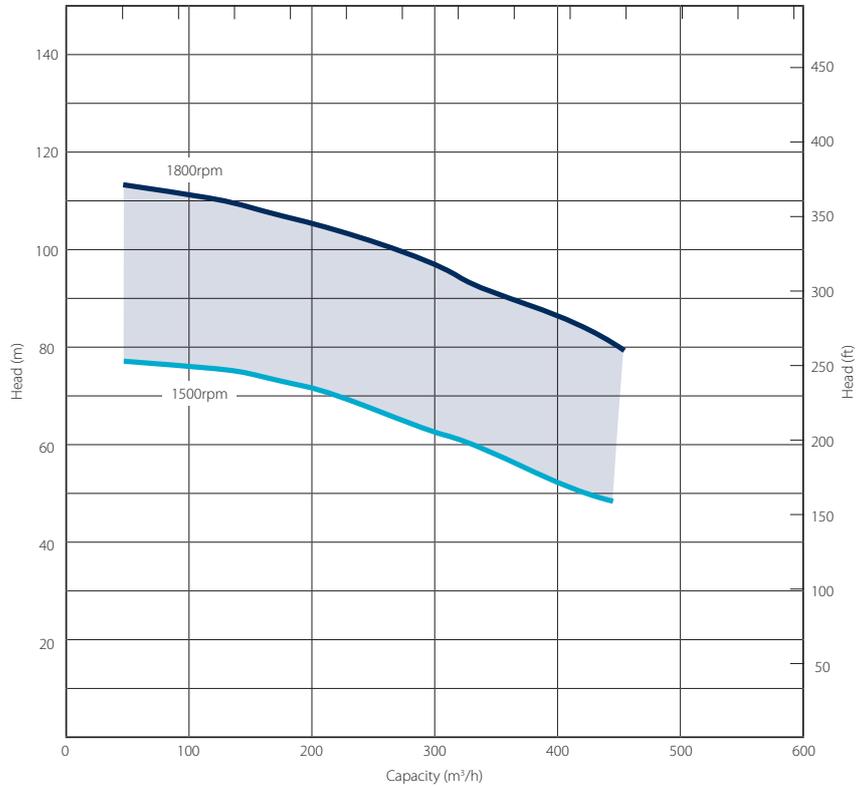
High head 'H' pump

Pump end specification		Pt No. 1310193000
		Metric
Capacity	450 m ³ /hr	
Total Head	114 m	
Max. Solids Size	40 mm	
Self Priming Lift	8.8 m	
Air Handling	24 l/s	
Selprime® Absorbs	2.2 kW	
Power Required	140 kW	
Pump Speed Max.	1800	
Pump Speed Min.	1500	
Impeller Type	Closed	
Impeller Blades	4	
Impeller Diameter	420 mm	
Inlet Port	DN 200 PN16	
Outlet Port	DN 150 PN16	
Length	136 cm	
Width	120 cm	
Height	98 cm	
Weight	650 kg	

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	Austempering Ductile Iron EN1564 Grade 1200
Impeller	Austempering Ductile Iron EN1564 Grade 1600
Wear Plate	Austempering Ductile Iron EN1564 Grade 1400
Shaft	Steel 080M40
NRV Body	Austempering Ductile Iron EN1564 Grade 1200
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 builds



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

This efficient model offers total heads up to 114m, 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.

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
- **Optional** Selwood SelWatch®

This unit requires DEF.

Standard builds	Eco4 Super Silent
	Metric
Length	368 cm
Width	163 cm
Height	260 cm
Dry Weight	4510 kg
Gross Weight	4550 kg
Sound Power	103 LWA
Sound Pressure @ 1m (3ft)	81 db(A)
Sound Pressure @ 7m (23ft)	73 db(A)
Pump SAE Size	long coupled
Engine / Motor	CAT 7.1 T4
Emission Rating	Stage IV
Engine / Motor Max Speed	1800 rpm
Fuel Tank Capacity.**	No fuel tank
BEP - Fuel Consumption	30 lt/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.

Selwood SelWatch®

- Remote pump condition monitoring
- Cloud based information management telemetry system
- Monitor pump & engine conditions via Canbus module which links the engine and ECU
- Ability to measure a multitude of pump & engine conditions including:-
 - Discharge & suction pressure
 - Engine speed
 - Fuel conditions
 - Engine temperature

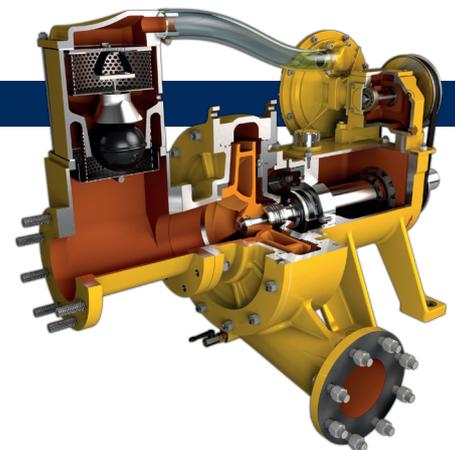
Please note: SelWatch may not be available in all territories. Contact your local Selwood Sales Manager or Distributor for details.

Optional extras

ABBI DEF auxiliary fuel tank



- Valves / Fittings
- Pump accessories
- Tanks & filtration
- Pipe stoppers
- Hose / pipework



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