

High head 'H' pump

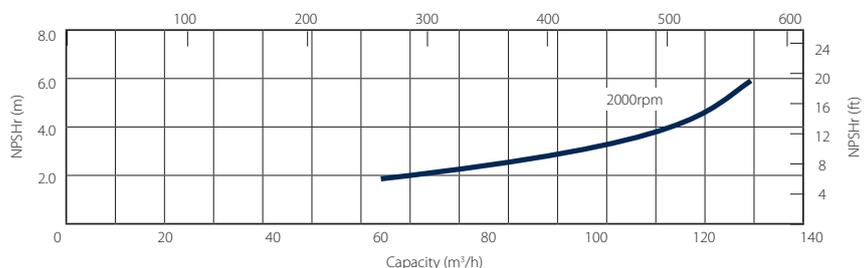
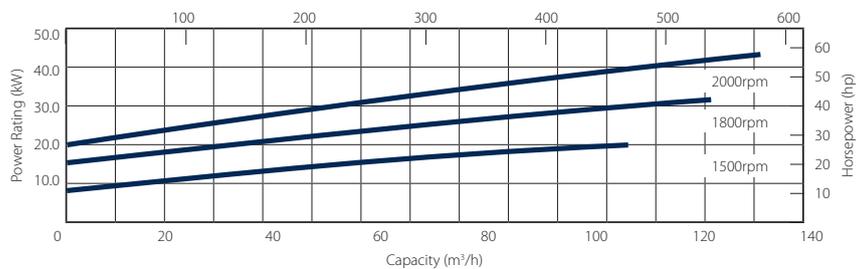
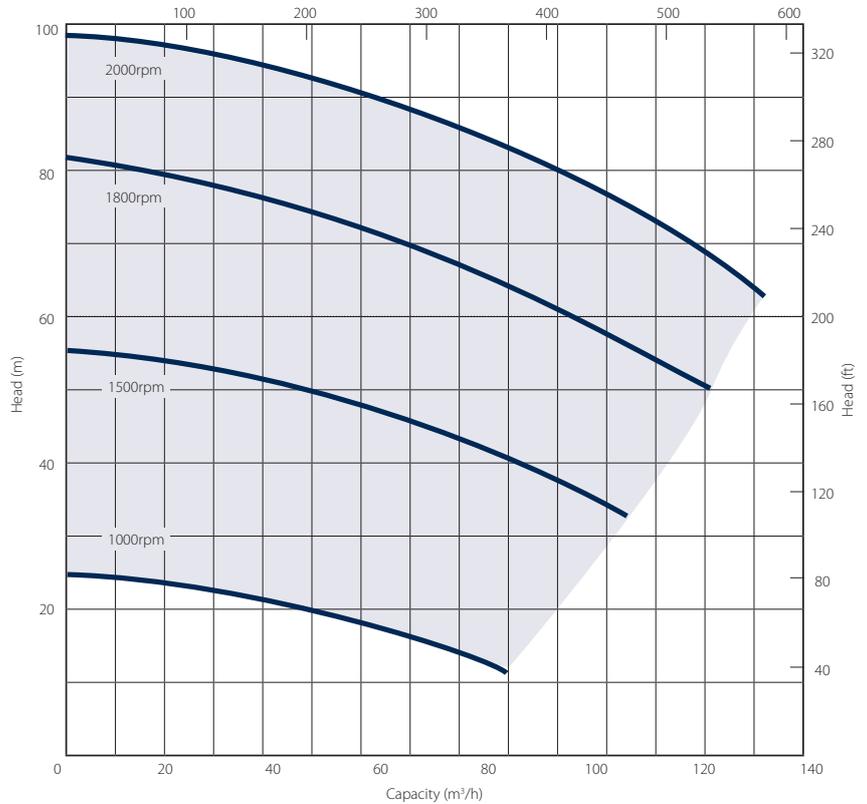
Pump end specification		Pt No. 1811184000
	Metric	US
Capacity	132 m ³ /hr	581 gpm
Total Head	99 m	324 ft
Max. Solids Size	29 mm	1.14 in
Self Priming Lift	8.8 m	28 ft
Air Handling	4.25 l/s	8.8 cfm
Selprime® Absorbs	2.2 kW	3 hp
Power Required	43 kW	58 hp
Pump Speed Max.	2000 rpm	2000 rpm
Impeller Type	Closed	Closed
Impeller Blades	2	2
Impeller Diameter	385 mm	15.2 in
Inlet Port	DN 100 PN6	4 PN6
Outlet Port	DN 80 PN16	3 PN16

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	Grade 14 Iron BS EN 1561:1997
Impeller	SGLron Grade 27/12 BS EN 1563:1997 BS EN 1564:1997
Wear Plates	Cast Iron BS2789 Grade 500/7
Shaft	EN10277-2-C40+C
NRV Body	Grade 14 Iron BS EN 1561:1997
Mechanical Seal	Sealide, Ceramic, Nitrile Rubber, AISI 302
Pump End Bearing	Deep Groove Ball
Drive End Bearing	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 98m, 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 Eco 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



	Isuzu Super Silent Eco	
	Metric	US
Length	231 cm	91 in
Width	141 cm	56 in
Height	173 cm	68 in
Dry Weight	1690 kg	3726 lb
Gross Weight	1875 kg	4134 lb
Sound Power	96 LWA	
Sound Pressure @ 1m (3ft)	73 db(A)	
Sound Pressure @ 7m (23ft)	65 db(A)	
Engine	Isuzu 4LE2X	
Emission Rating	Stage IIIB	Tier 4 Final
Engine Speed - Max	2000 rpm	
Engine Speed - Min	1400 rpm	
Fuel Tank Capacity.**	219 lt	58 US gal
BEP - Fuel Consumption	7 lt/hr	1.54 US gal/hr

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

Installation drawings are available upon request.

Optional extras

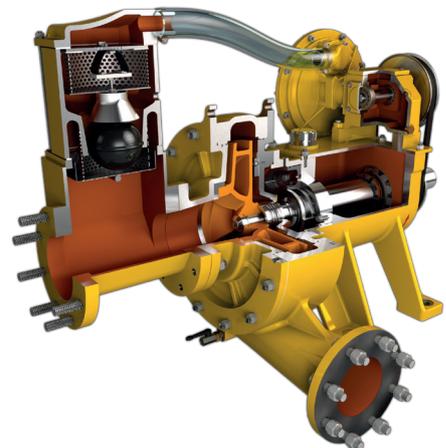
- Training
- Tanks & filtration
- Genuine parts
- Pipe stoppers
- Valves / Fittings
- Hose / pipework
- Pump accessories

Remote pump monitoring

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.



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