

## High volume drainer 'D' pump

### Pump end specification

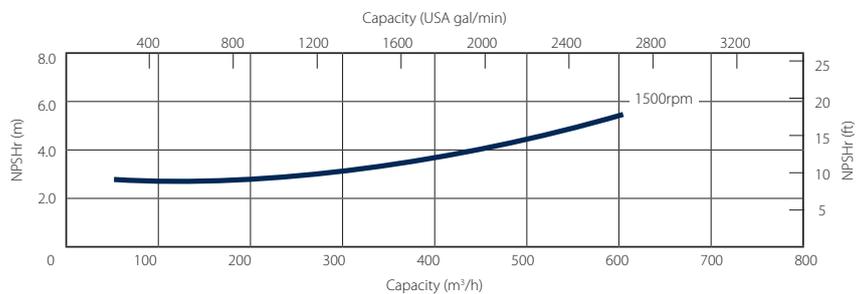
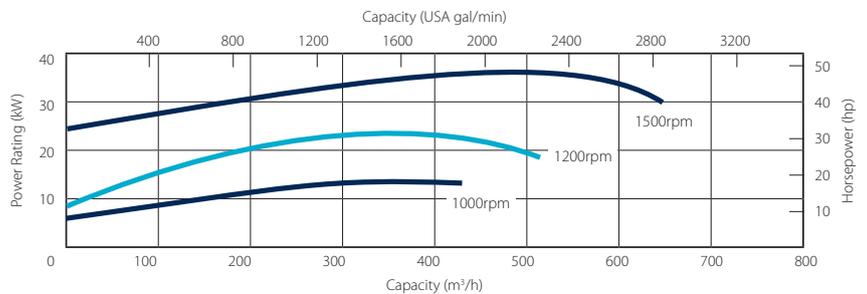
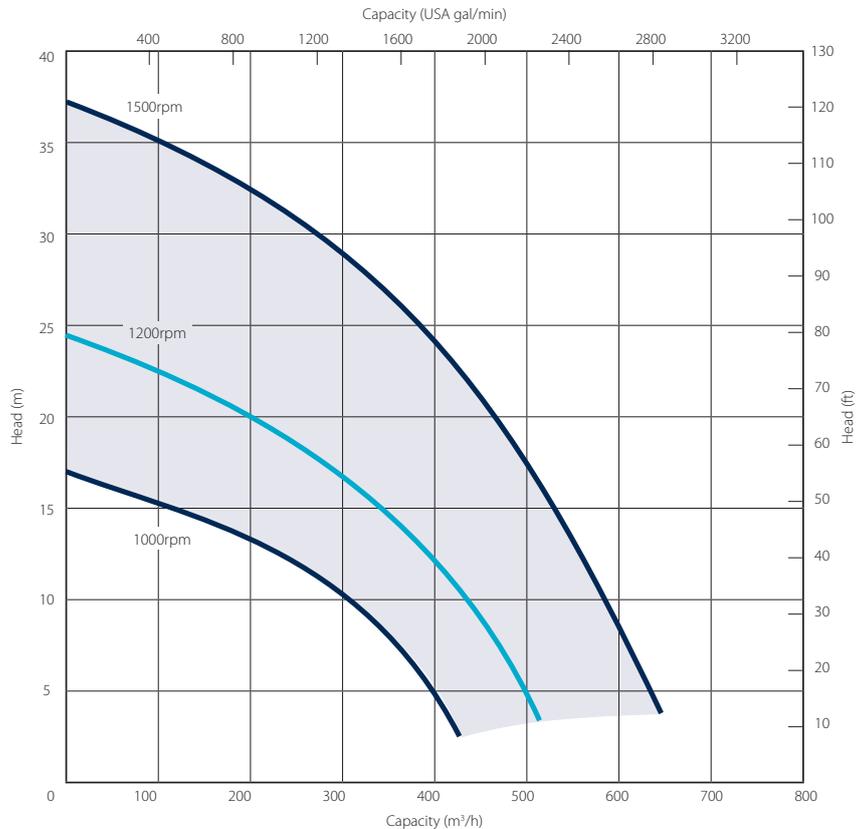
	Metric	US
Capacity	643 m <sup>3</sup> /h	2831 gpm
Total Head	37 m	121 ft
Max. Solids Size	55 mm	2.16 in
Self Priming Lift	8.8 m	29 ft
Air Handling	24 l/s	50 cfm
Selprime® Absorbs	2.2 kW	3 hp
Power Required	36 kW	48 hp
Pump Speed Max.	1500	1500
Pump Speed Min.	1000	1000
Impeller Type	Drainer	Drainer
Impeller Blades	3	3
Impeller Diameter	328 mm	12.9 in
Inlet Port	DN 200 PN6	8 PN6
Outlet Port	DN 200 PN6	8 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	Grey Iron BSEN 1561 Grade EN-GJL-250
Impeller	Cast Iron BSEN 1563 Grade EN-GJS-450-10
Wear Plates	Cast Iron BSEN 1563 Grade EN-GJS-450-10
Shaft	Steel BS10277 Grade C40+C
NRV Body	Grey Iron BSEN 1561 Grade EN-GJS-250
Mechanical Seal	Silicon Carbide v Silicon Carbide
Pump End Bearing	Taper Roller
Drive End Bearing	Taper Roller



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

# High volume drainer 'D' pump builds

Our 'D Pumps' offer high efficiency centrifugal pumps for high-volume fluid transfer.

Handling flows of up to 600 m<sup>3</sup>/h, these highly efficient Selprime® pumps offer emission compliant engines, are easy to operate and maintain and have a robust construction.

Perfect for use with

- water – clean, with fine or larger solids
- screened sewage



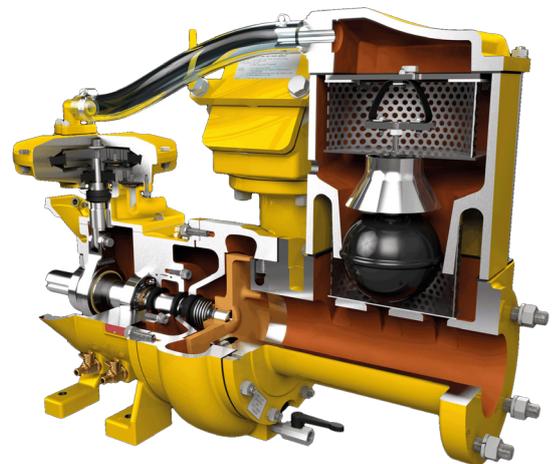
Standard builds	Electric Skid		Electric Super Silent	
	Metric	US	Metric	US
Length	252 cm	99 in	267 cm	105 in
Width	124 cm	49 in	155 cm	61 in
Height	166 cm	65 in	180 cm	71 in
Dry Weight	1200 kg	2645 lb	2360 kg	5203 lb
Gross Weight	1200 kg	2645 lb	2360 kg	5203 lb
Sound Power	106 LWA	106 LWA	92 LWA	92 LWA
Sound Pressure @ 1m (3ft)	83 db(A)	83 db(A)	69 db(A)	69 db(A)
Sound Pressure @ 7m (23ft)	75 db(A)	75 db(A)	63 db(A)	63 db(A)
Engine / Motor	36kW 400/3/50	48 hp	36kW 400/3/50	48 hp
Emission / Electrical Rating	IE3	IE3	IE3	IE3
Engine / Motor Speed - Max	<b>1500 rpm</b>	<b>1500 rpm</b>	<b>1500 rpm</b>	<b>1500 rpm</b>
Engine / Motor speed - Min	<b>1000 rpm</b>	<b>1000 rpm</b>	<b>1000 rpm</b>	<b>1000 rpm</b>

\*Open sets exclude fittings

Installation drawings are available upon request.

### Optional extras

- Training
- Genuine parts kits
- Valves / Fittings
- Pump accessories
- Hose / pipework
- Tanks & filtration
- Pipe stoppers
- Auto stop/start control panels
- Pump telemetry
- Oil drain kit
- Chalwyn valve & spark arrestor



# High volume drainer 'D' pump build

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## Reducing environmental impact

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

All Selwood Eco5 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



Standard build	Deutz Super Silent Eco	
	Metric	US
Length	261 cm	103 in
Width	174 cm	69 in
Height	197 cm	78 in
Dry Weight	2390 kg	5269 lb
Gross Weight	2657 kg	5858 lb
Sound Power	99 LWA	99 LWA
Sound Pressure @ 1m (3ft)	88 db(A)	88 db(A)
Sound Pressure @ 7m (23ft)	71 db(A)	71 db(A)
Engine	Deutz TCD3.6	Deutz TCD3.6
Emission Rating	Stage IIIB	Tier 4 Final
Engine / Motor Speed - Max	<b>1500 rpm</b>	<b>1500 rpm</b>
Engine / Motor speed - Min	<b>1000 rpm</b>	<b>1000 rpm</b>
Fuel Tank Capacity:**	300 lt	79.3 US gal
BEP - Fuel Consumption	10 lt/hr	2.69 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

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- Valves / Fittings
- Pump accessories
- Hose / pipework
- Tanks & filtration
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## Remote Pump Monitoring

### Selwood SelWatch®

- 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.

