

## High volume drainer 'D' pump

### Pump end specification

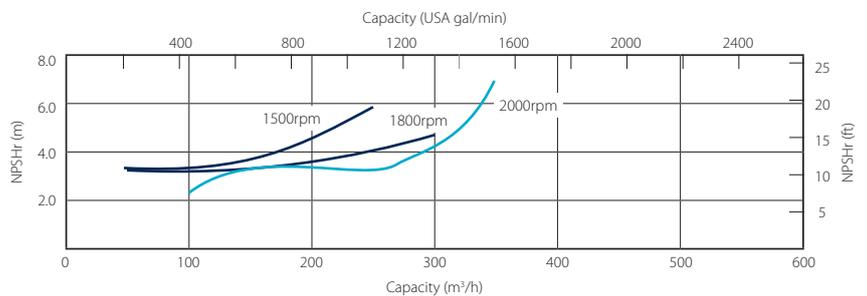
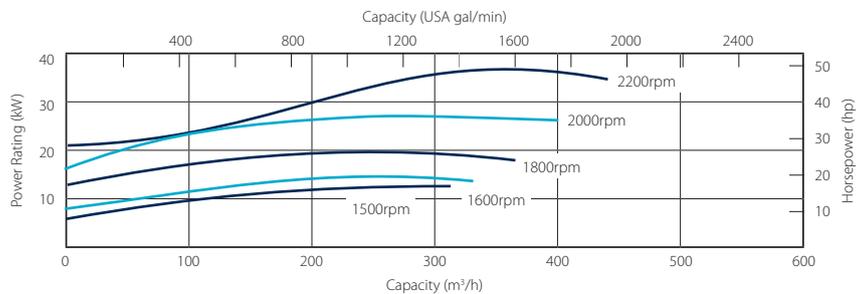
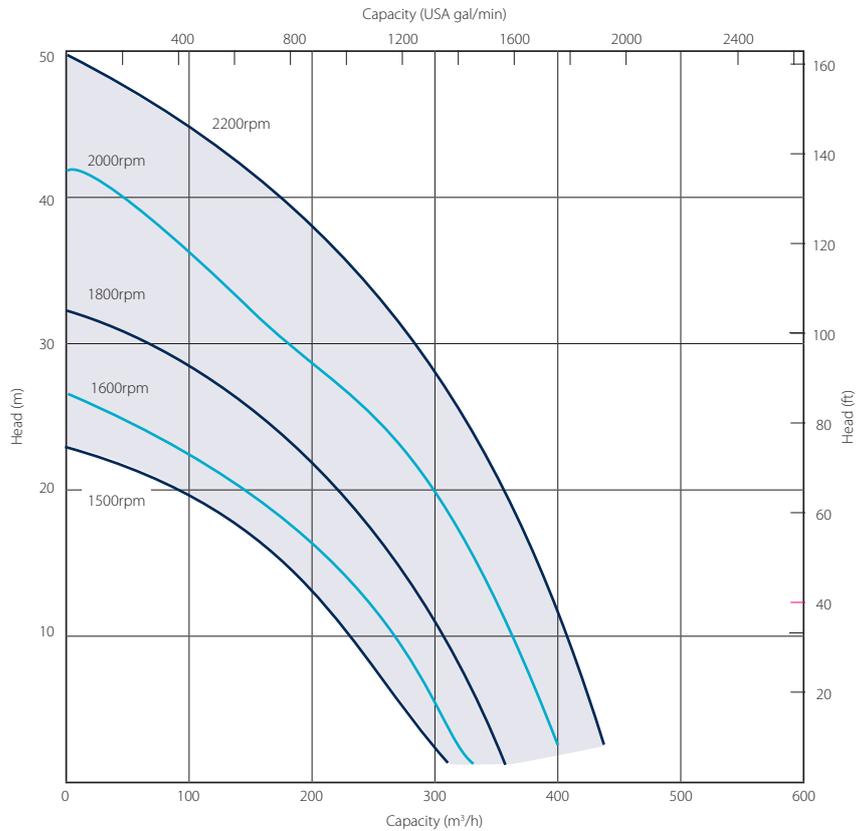
	Metric	US
Capacity	440 m <sup>3</sup> /h	1937gpm
Total Head	50 m	164 ft
Max. Solids Size	45 mm	1.77 in
Self Priming Lift	8.8 m	29 ft
Air Handling	24 l/s	50 cfm
Selprime® Absorbs	2.2 kW	3 hp
Power Required	36 kW	48 hp
Pump Speed Max.	2200 rpm	2200 rpm
Impeller Type	Drainer	Drainer
Impeller Blades	3	3
Impeller Diameter	255 mm	10 in
Inlet Port	PN16 DN150	6 PN6
Outlet Port	PN16 DN150	6 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.

# SELWOOD

[www.selwood.co.uk](http://www.selwood.co.uk)

UK Rental  
03330 142000

UK Sales  
023 8025 0137

International Sales  
+44 23 8025 0137

Head Office Bournemouth Road, Chandler's Ford, Eastleigh, Hampshire, SO53 3ZL. T 023 8026 6311 E info@selwood.co.uk

# High volume drainer 'D' pump build

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

Handling flows of up to 430 m<sup>3</sup>/h, these highly efficient SelPrime<sup>®</sup> 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

## Reducing environmental impact

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

All Selwood Eco and 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
- 10% increase in performance
- Auto stop/start control
- Oil drain kit
- Bulk fuel kit



Standard builds	Cat Super Silent Eco5 Pt No. 1522129S60	
	Metric	US
Length	238 cm	94 in
Width	127 cm	50 in
Height	181 cm	71 in
Dry Weight	1790 kg	3946 lb
Gross Weight	2000 kg	4409 lb
Sound Power	95 LWA	
Sound Pressure @ 1m (3ft)	80 db(A)	
Sound Pressure @ 7m (23ft)	66 db(A)	
Engine	Cat C2.2	
Emission Rating	Stage V	Tier 4 Final
Engine/ Motor Speed - Max	<b>2200 rpm</b>	
Engine / Motor Speed - Min	<b>1400 rpm</b>	
Fuel Tank Capacity.*	210 lt	55 US gal
BEP - Fuel Consumption	8.5 lt/hr	2.3 US gal/hr

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

Installation drawings are available upon request.

### Remote Pump Monitoring Option

#### Deep Sea Web Net

- 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

### Optional extras

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

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