

## High volume drainer 'D' pump

### Pump end specification

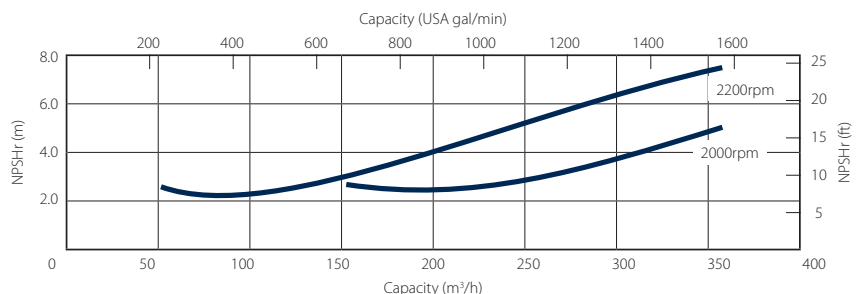
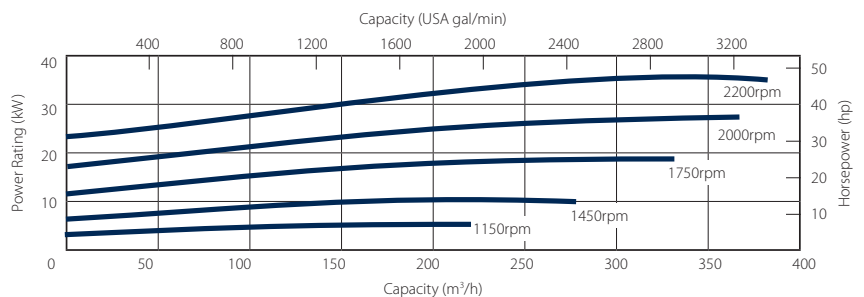
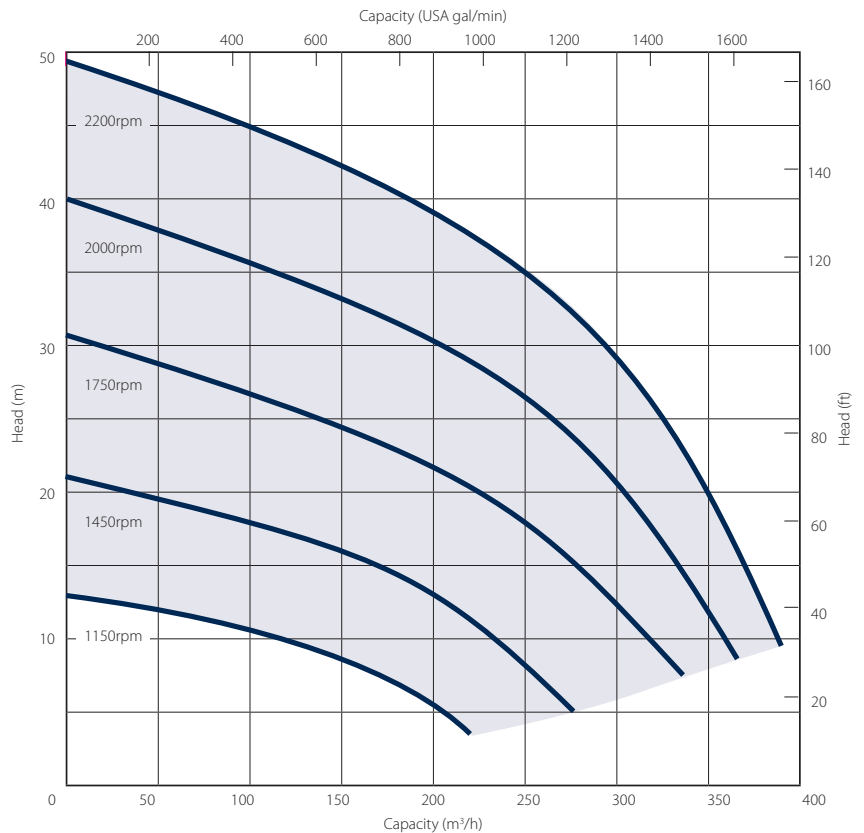
	Metric	US
Capacity	390 m <sup>3</sup> /h	1717 gpm
Total Head	48 m	157 ft
Max. Solids Size	45 mm	1.77 in
Self Priming Lift	8.8 m	29 ft
Air Handling	24 l/s	50 cfm
Selprime® Absorbs	2.2 kW	3 hp
Power Required	36 kW	48 hp
Pump Speed Max.	2200 rpm	2200 rpm
Impeller Type	Drainer	Drainer
Impeller Blades	3	3
Impeller Diameter	255 mm	10 in
Inlet Port	DN 150 PN6	6 PN6
Outlet Port	DN 150 PN6	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.

## High volume drainer 'D' pump build

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

Handling flows of up to 380 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
- Auto stop/start control
- Oil drain kit
- Bulk fuel kit
- Remote pump monitoring



Standard builds	Isuzu Super Silent Eco		Hatz Super Silent Eco5 Pt No. 1521061S60	
	Metric	US	Metric	US
Length	245 cm	96 in	265 cm	104 in
Width	152 cm	60 in	120 cm	47 in
Height	174 cm	68 in	182 cm	69 in
Dry Weight	1892 kg	4564 lb	1800 kg	3968 lb
Gross Weight	2070 kg	4171 lb	2000 kg	4409 lb
Sound Power	97 LWA		100 LWA	
Sound Pressure @ 1m (3ft)	77 db(A)		77 db(A)	
Sound Pressure @ 7m (23ft)	60 db(A)		68 db(A)	
Engine	Isuzu 4LE2X		Hatz 3H50TICD	
Emission Rating	Stage IIIB	Tier 4	Stage V	Tier 4 Final
Engine/ Motor Speed - Max	<b>2200 rpm</b>		<b>2200 rpm</b>	
Engine / Motor Speed - Min	<b>1150 rpm</b>		<b>1150 rpm</b>	
Fuel Tank Capacity.**	219 lt	58 US gal	210 lt	55 US gal
BEP - Fuel Consumption	7.8 lt/hr	2.06 US gal/hr	6.5 lt/hr	1.72 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
- Genuine parts kits
- Valves / Fittings
- Pump accessories
- Hose / pipework
- Tanks & filtration
- Pipe stoppers

### Remote Pump Monitoring

#### Selwood SelWatch<sup>®</sup>

- 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.

