

## High volume drainer 'D' pump

### Pump end specification

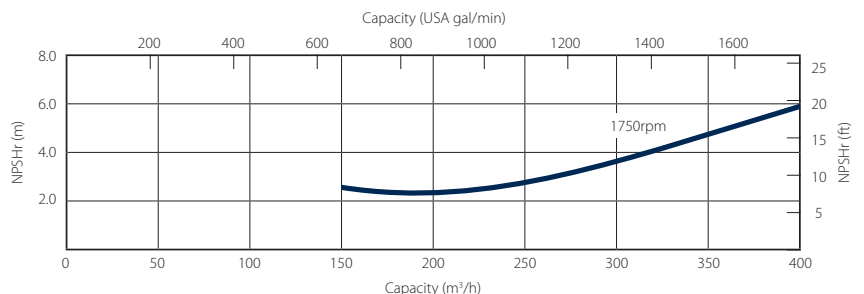
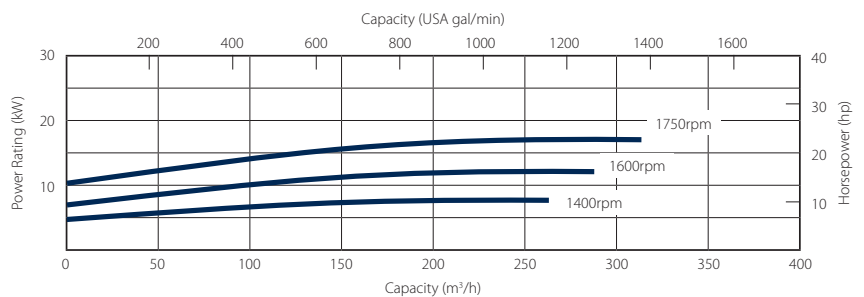
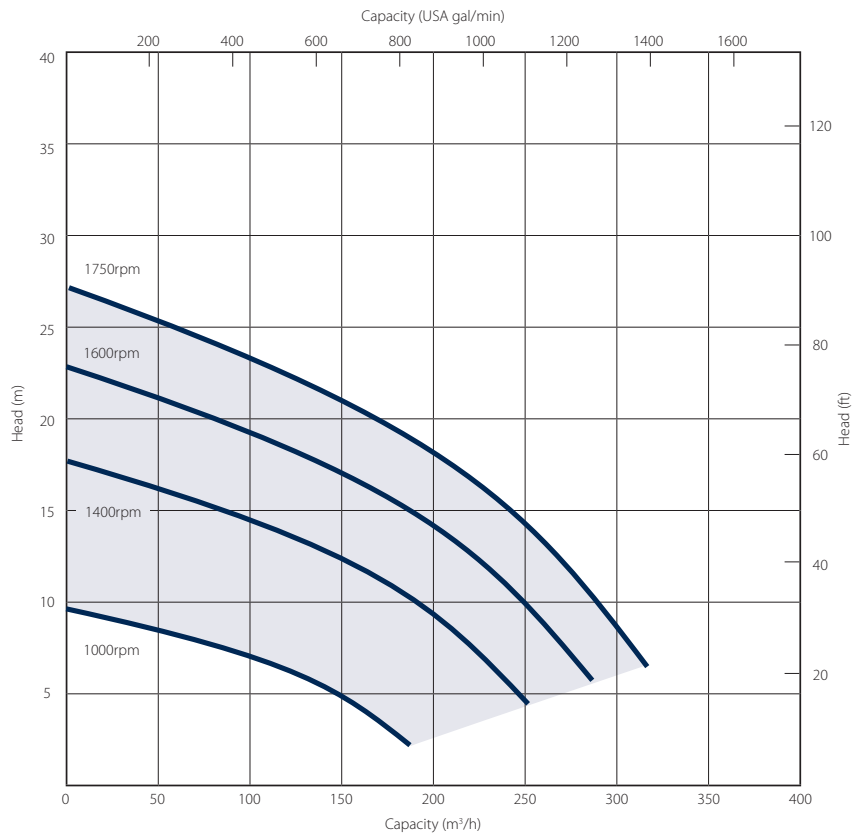
	Metric	US
Capacity	315 m <sup>3</sup> /h	1387 gpm
Total Head	27 m	88 ft
Max. Solids Size	45 mm	1.7 in
Self Priming Lift	8.8 m	29 ft
Air Handling	24 l/s	50 cfm
Selprime® Absorbs	2.2 kW	3 hp
Power Required	17 kW	23 hp
Pump Speed Max.	1750	1750
Impeller Type	Drainer	Drainer
Impeller Blades	3	3
Impeller Diameter	240 mm	9.45 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 builds

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

Handling flows of up to 315 m<sup>3</sup>/h, these highly efficient Selprime® pumps 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	Isuzu Pod Only*		Isuzu Fast Tow	
	Metric	US	Metric	US
Length	240 cm	94 in	359 cm	141 in
Width	125 cm	49 in	158 cm	62 in
Height	134 cm	53 in	185 cm	73 in
Dry Weight	1100 kg	2425 lb	1575 kg	3472 lb
Gross Weight	1200 kg	2646 lb	1640 kg	3616 lb
Sound Power	100 LWA	100 LWA	100 LWA	100 LWA
Sound Pressure @ 1m (3ft)	92 db(A)	92 db(A)	92 db(A)	92 db(A)
Sound Pressure @ 7m (23ft)	75 db(A)	75 db(A)	75 db(A)	75 db(A)
Engine	Isuzu 3CE1	Isuzu 3CE1	Isuzu 3CE1	Isuzu 3CE1
Emission Rating	LRA	LRA	LRA	LRA
Engine / Motor Speed - Max	<b>1750 rpm</b>	<b>1750 rpm</b>	<b>1750 rpm</b>	<b>1750 rpm</b>
Engine / Motor speed - Min	<b>1000 rpm</b>	<b>1000 rpm</b>	<b>1000 rpm</b>	<b>1000 rpm</b>
Fuel Tank Capacity.**	105 lt	28 US gal	105 lt	28 US gal
BEP - Fuel Consumption	TBA lt/hr	TBA US gal/hr	TBA lt/hr	TBA US gal/hr

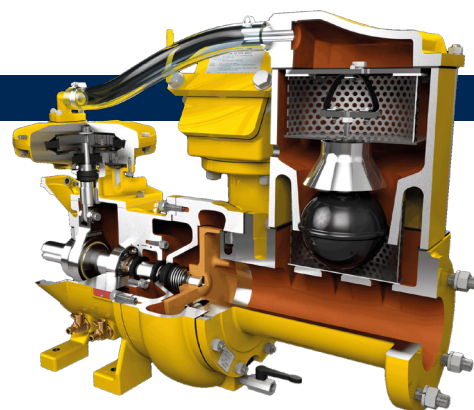
\*Open sets exclude fittings

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

Installation drawings are available upon request.

### Optional extras

- Training
- Genuine parts
- Valves / Fittings
- Pump accessories
- Tanks & filtration
- Pipe stoppers
- Auto stop/start control panels
- Pump telemetry
- Oil drain kit
- Hose / pipework
- DOL panels
- Soft Start panels
- Variable speed drive panels
- Ultra-sonic level control panels



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