

## High volume drainer 'D' pump - twin prime

### Pump end specification

	Metric	US
Capacity	84 m <sup>3</sup> /h	370 gpm
Total Head	15 m	49 ft
Max. Solids Size	29 mm	1.7 in
Self Priming Lift	8.8	29 ft
Air Handling	48 l/s	100 cfm
Selprime® Absorbs	4.4 kW	6 hp
Power Required	2.5 kW	9 hp
Pump Speed Max.	1500	1500
Pump Speed Min.	1500	1500
Impeller Type	Drainer	Drainer
Impeller Blades	3	3
Impeller Diameter	192 mm	9.45 in
Inlet Port	DN 100 PN6	4 PN6
Outlet Port	DN 100 PN6	4 PN6
Length	96 cm	38 in
Width	62 cm	25 in
Height	80 cm	32 in
Weight	225 Kg	500 lb

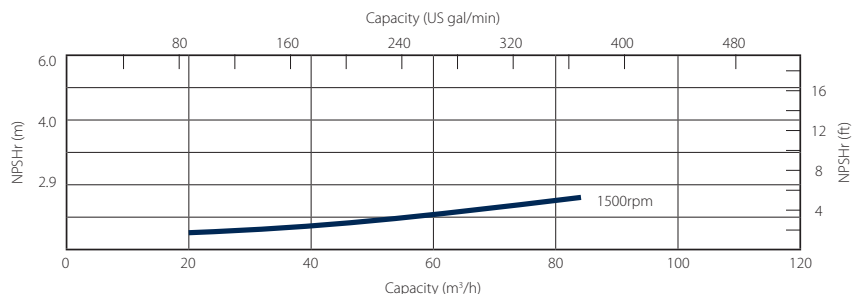
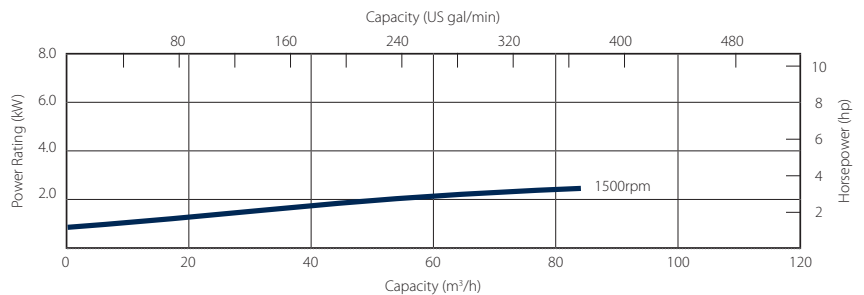
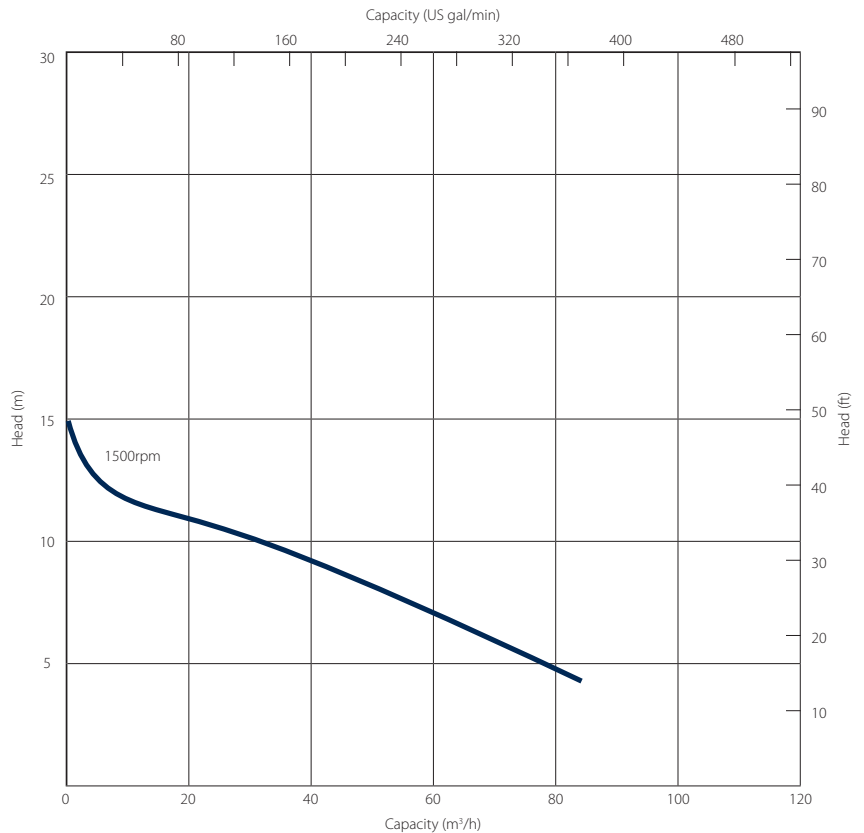
### Priming method - Selprime®

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.

**The D100 Twin Prime unit is fitted with two air pumps as standard for faster priming.**

### 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-600-3
Shaft	Steel BS En 10277 Grade C40+C
NRV Body	Grey Iron BSEN 156 Grade EN-GJL-250
Mechanical Seal	Ceramic / Sealide
Pump End Bearing	Ball
Drive End Bearing	Cylindrical 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 - twin prime

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

Handling flows of up to 84 m<sup>3</sup>/h, these highly efficient Selprime® pumps are easy to operate and maintain and have a robust construction.

The D100 Twin Prime unit is fitted with two large air pumps as standard for faster priming.

Perfect for use with

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



Standard builds	Electric Static	
	Metric	US
Length	130 cm	50 in
Width	108 cm	43 in
Height	130 cm	50 in
Dry Weight (with optional lift frame)	500 kg	1100 lb
Gross Weight (with optional lift frame)	500 kg	1100 lb
Sound Power	87 LWA	87 LWA
Sound Pressure @ 1m (3ft)	78 db(A)	78 db(A)
Sound Pressure @ 7m (23ft)	61 db(A)	61 db(A)
Electric motor	7.5kW 400/3/50	10 hp 400/3/60
Emission Rating	IE3	IE3
Motor Max Speed	<b>1500 rpm</b>	<b>1500 rpm</b>
Fuel Tank Capacity.	NA	NA
BEP - Fuel Consumption	NA	NA

\*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 kits
- Valves / Fittings
- Pump accessories
- Hose / pipework
- Auto stop/start control panels
- Pump telemetry
- Oil drain kit
- DOL panels
- Tanks & filtration
- Pipe stoppers
- Soft Start panels
- Variable speed drive panels
- Lift frame

