

High volume drainer 'D' pump

Pump end specification

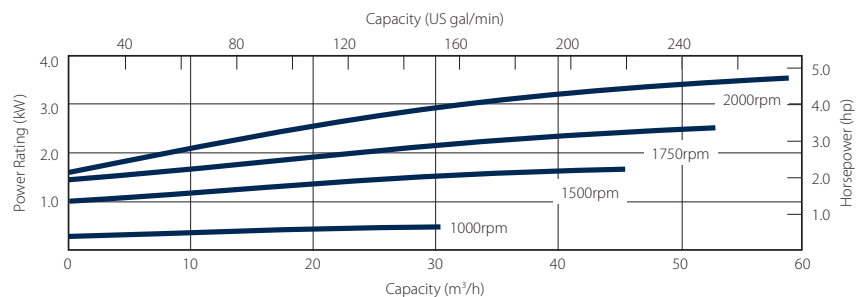
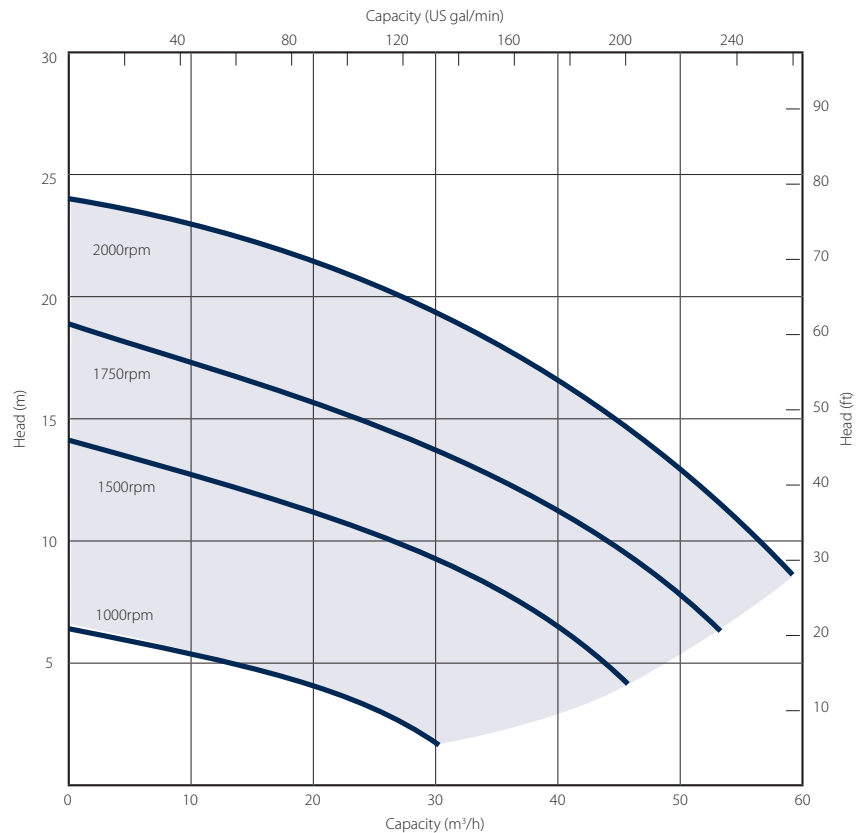
	Metric	US
Capacity	59 m ³ /h	260 gpm
Total Head	24 m	79 ft
Max. Solids Size	29 mm	1.14 in
Self Priming Lift	8.8 m	29 ft
Air Handling	4.25 l/s	8.8 cfm
Selprime® Absorbs	0.9 kW	1.2 hp
Power Required	4 kW	5 hp
Pump Speed Max.	2000	2000
Impeller Type	Drainer	Drainer
Impeller Blades	2	2
Impeller Diameter	180 mm	7 in
Inlet Port	DN 75 PN6	3 PN6
Outlet Port	DN 75 PN6	3 PN6

Priming method - Selprime®

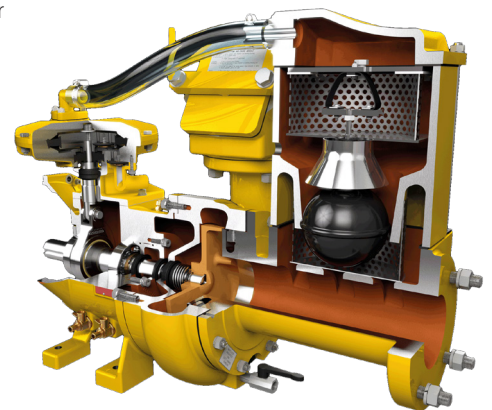
The unique original Selwood self priming system utilising a water tolerant diaphragm air pump. An environmentally friendly design that has none of the problems of oil vapour emissions and oil emulsification associated with other priming systems.

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 BS970 Grade 212M36/212M44
NRV Body	Cast Iron BSEN 1563 Grade EN-GJS-450-10
Mechanical Seal	Silicon Carbide
Pump End Bearing	Cylindrical Roller
Drive End Bearing	Ball



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 59 m³/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

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.



Standard builds	Hatz 2 Wheel Trolley* Eco5		Hatz 2 Wheel Site* Eco5		Electric Static	
	Metric	US	Metric	US	Metric	US
Length	143 cm	56 in	156 cm	61 in	104 cm	41 in
Width	77 cm	30 in	77 cm	30 in	66 cm	26 in
Height	109 cm	43 in	112 cm	44 in	58 cm	23 in
Dry Weight	225 kg	496 lb	260 kg	573 lb	155 kg	342 lb
Gross Weight	230 kg	507 lb	277 kg	611 lb	155kg	342 lb
Sound Power	112 LWA	112 LWA	112 LWA	112 LWA	84 LWA	84 LWA
Sound Pressure @ 1m (3ft)	90 db(A)	90 db(A)	90 db(A)	90 db(A)	73 db(A)	73 db(A)
Sound Pressure @ 7m (23ft)	81 db(A)	81 db(A)	81 db(A)	81 db(A)	56 db(A)	56 db(A)
Engine / Motor	Hatz 1D42Z	Hatz 1D42Z	Hatz 1D42Z	Hatz 1D42Z	3 kW 400/3/50	4 HP
Emission / Electrical Rating	Stage V	-	Stage V	-	IE3	-
Engine / Motor Speed - Max	2000 rpm	2000 rpm	2000 rpm	2000 rpm	2000 rpm	2000 rpm
Engine / Motor Speed - Min	1000 rpm	1000 rpm	1000 rpm	1000 rpm	1000 rpm	1000 rpm
Fuel Tank Capacity.**	5 lt	1.3 US gal	20 lt	5.3 US gal	-	-
BEP - Fuel Consumption	0.9 lt/hr	0.24 US gal/hr	0.9 lt/hr	0.24 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 kits
- Valves / Fittings
- Pump accessories
- Hose / pipework
- Auto stop/start control panels
- Pump telemetry
- Oil drain kit
- Bulk fuel kit
- Tanks & filtration
- Pipe stoppers
- Chalwyn valve & spark arrestor

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High volume drainer 'D' pump build

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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



Special build	Stackable Eco5		Fast Tow Eco5	
	Metric	US	Metric	US
Length	120 cm	47 in	281 cm*	111 in*
Width	93 cm	36 in	146 cm	58 in
Height	120 cm	47 in	167 cm	66 in
Dry Weight	585 kg	1290 lb	765 kg	1687 lb
Gross Weight	650 kg	1433 lb	830 kg	1830 lb
Sound Power	99 LWA		99 LWA	
Sound Pressure @ 1m (3ft)	77 db(A)		77 db(A)	
Sound Pressure @ 7m (23ft)	68 db(A)		68 db(A)	
Engine	Hatz 1D42Z		Hatz 1D42Z	
Emission Rating	Stage V	-	Stage V	-
Engine / Motor Speed - Max	2000 rpm		2000 rpm	
Engine / Motor Speed - Min	1000 rpm		1000 rpm	
Fuel Tank Capacity.**	72 lt	19 US gal	72 lt	19 US gal
BEP - Fuel Consumption	0.9 lt/hr	0.24 US gal/hr	0.9 lt/hr	0.24 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.

* Length excludes 40mm eye or 50mm ball hitch connection

Remote pump monitoring

- Cloud based information management telemetry system
- Fully programmable software
- Ability to measure a multitude of pump & engine conditions including:-
 - Engine speed
 - Fuel conditions
 - Engine temperature

Optional extras

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- Valves / Fittings
- Pump accessories
- Tanks & filtration
- Pipe stoppers
- Hose / pipework