

High volume drainer 'D' pump

Pump end specification

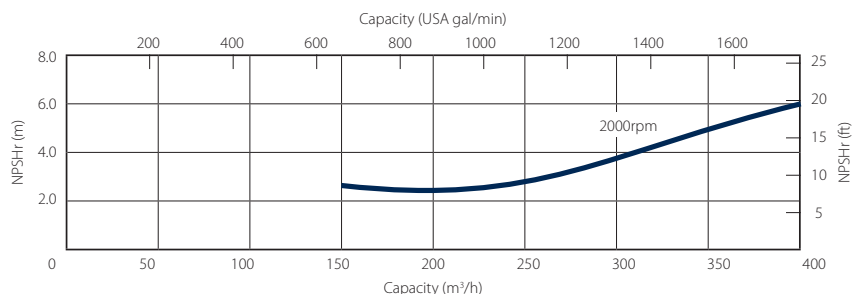
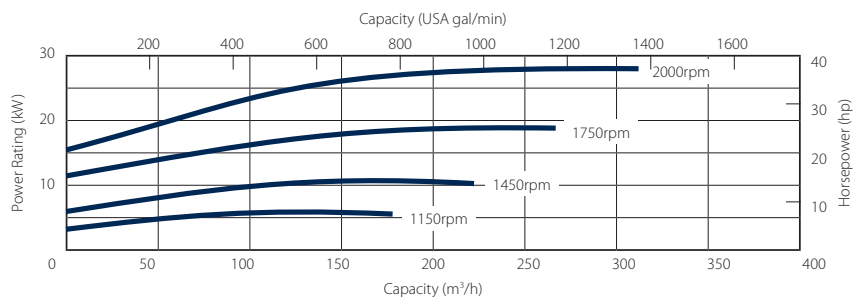
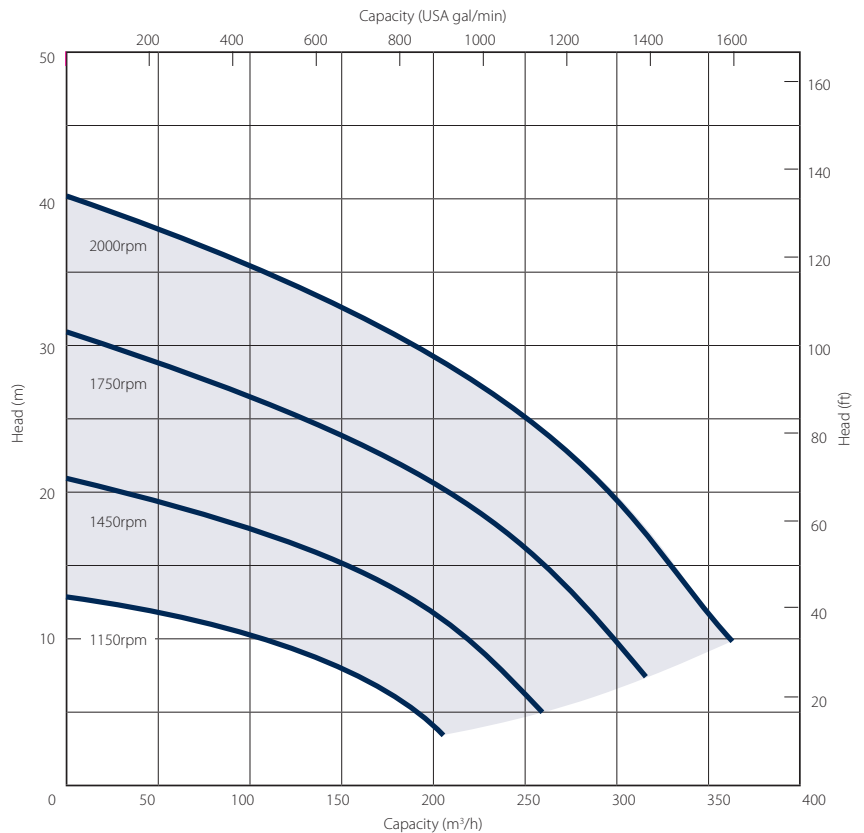
	Metric	US
Capacity	365 m ³ /h	1607 gpm
Total Head	40 m	131 ft
Max. Solids Size	45 mm	1.77 in
Self Priming Lift	8.8 m	29 ft
Air Handling	24 l/s	50 cfm
Selprime [®]	2.2 kW	3 hp
Absorbs		
Power Required	27 kW	36 hp
Pump Speed Max.	2000	2000
Impeller Type	Drainer	Drainer
Impeller Blades	3	3
Impeller Diameter	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

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

Handling flows of up to 380 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



Standard builds	Deutz Skid*	
	Metric	US
Length	200 cm	79 in
Width	106 cm	42 in
Height	147 cm	58 in
Dry Weight	960 kg	2116 lb
Gross Weight	1050 kg	2315 lb
Sound Power	94 LWA	94 LWA
Sound Pressure @ 1m (3ft)	83 db(A)	83 db(A)
Sound Pressure @ 7m (23ft)	66 db(A)	66 db(A)
Engine	Deutz D2011L04i	Deutz D2011L04i
Emission Rating	Stage IIIA	-
Engine / Motor Speed - Max	2000 rpm	2000 rpm
Engine / Motor Speed - Min	1150 rpm	1150 rpm
Fuel Tank Capacity.**	105 lt	28 US gal
BEP - Fuel Consumption	10.1 lt/h	2.22 US gal/h

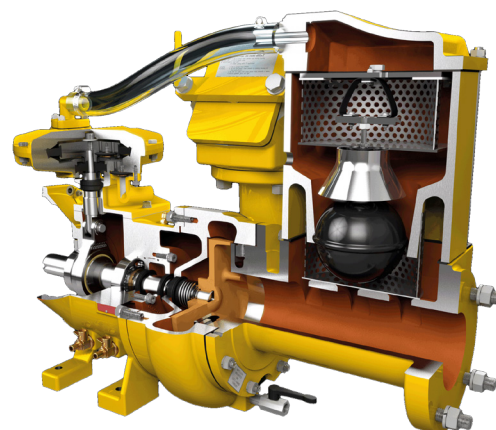
*Open sets exclude fittings

** 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
- Tanks & filtration
- Pipe stoppers
- Auto stop/start control panels
- Pump telemetry
- Oil drain kit
- Bulk fuel kit
- Chalwyn valve & spark arrestor



SELWOOD
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

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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.

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 build	Isuzu Super Silent Eco Pt No. 1517214S60	
	Metric	US
Length	240 cm	94 in
Width	148 cm	58 in
Height	175 cm	69 in
Dry Weight	1892 kg	4171 lb
Gross Weight	2020 kg	4453 lb
Sound Power	93 LWA	93 LWA
Sound Pressure @ 1m (3ft)	71 db(A)	71 db(A)
Sound Pressure @ 7m (23ft)	62 db(A)	62 db(A)
Engine	Isuzu 4LE2X T4	Isuzu 4LE2X T4
Emission Rating	Stage IIIB	Tier 4
Engine / Motor Speed - Max	2000 rpm	2000 rpm
Engine / Motor Speed - Min	1150 rpm	1150 rpm
Fuel Tank Capacity.**	220 lt	58 US gal
BEP - Fuel Consumption	8.4 lt/h	1.84 US gal/h

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

Installation drawings are available upon request.

Optional extras

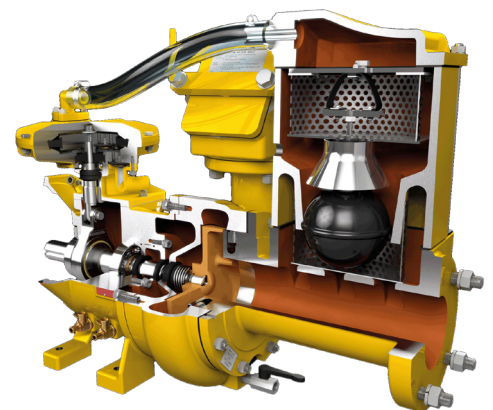
- Training
- Genuine parts kits
- Valves / Fittings
- Pump accessories
- Hose / pipework
- Tanks & filtration
- Pipe stoppers

Remote Pump Monitoring

Selwood SelWatch®

- 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.



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- Oil drain kit
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- Remote pump monitoring



Standard build	Hatz Super Silent Eco5	
	Metric	US
Length	240 cm	94 in
Width	148 cm	58 in
Height	175 cm	69 in
Dry Weight	1892 kg	4171 lb
Gross Weight	2070 kg	4564 lb
Sound Power	93 LWA	93 LWA
Sound Pressure @ 1m (3ft)	71 db(A)	71 db(A)
Sound Pressure @ 7m (23ft)	62 db(A)	62 db(A)
Engine	Hatz 3H50	Hatz 3H50
Emission Rating	Stage V	Tier 4
Engine / Motor Speed - Max	2000 rpm	2000 rpm
Engine / Motor Speed - Min	1150 rpm	1150 rpm
Fuel Tank Capacity.**	220 lt	58 US gal
BEP - Fuel Consumption	8.4 lt/h	1.84 US gal/h

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