

High volume drainer 'D' pump

Pump end specification

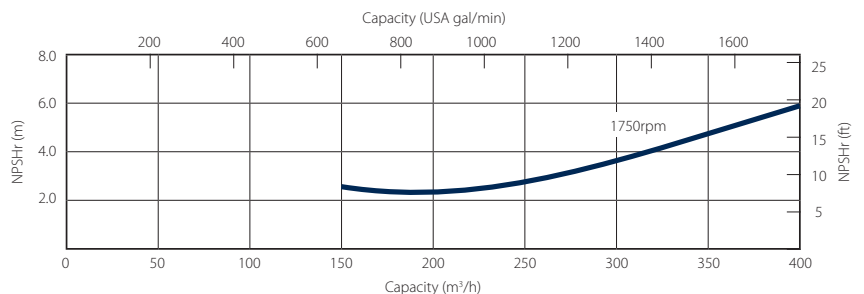
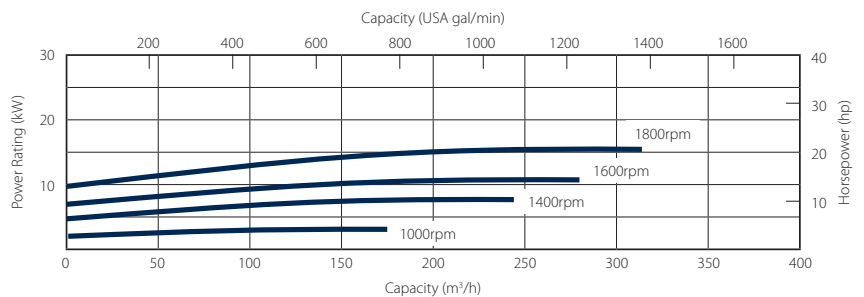
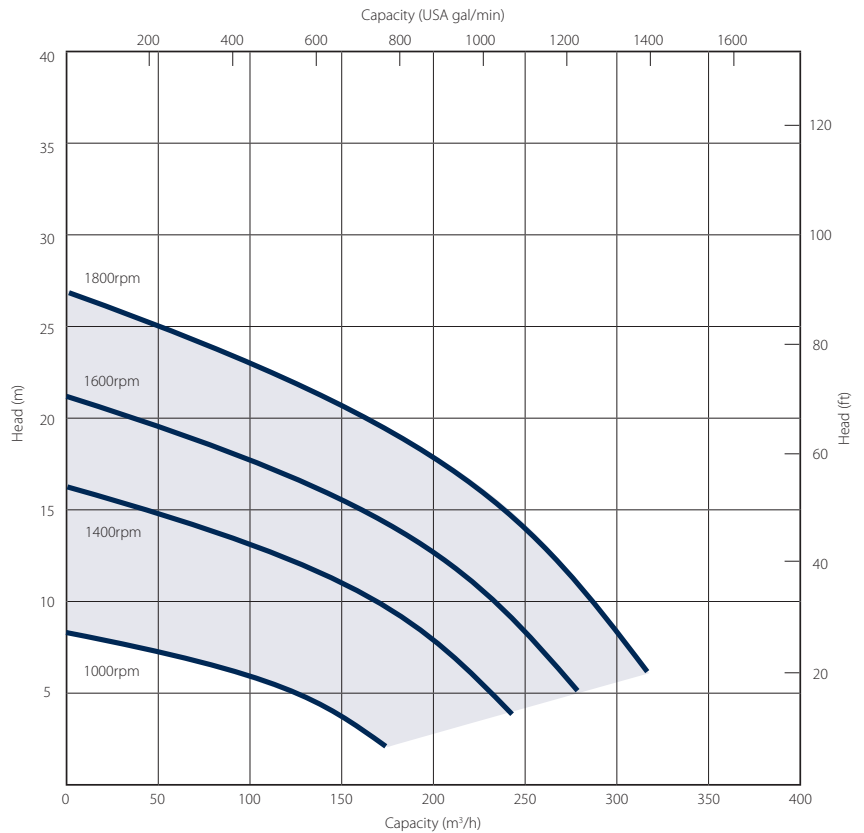
	Metric	US
Capacity	312 m ³ /h	1374 gpm
Total Head	27 m	88 ft
Max. Solids Size	45 mm	1.7 in
Self Priming Lift	8.8 m	29 ft
Air Handling	24 l/s	50 cfm
Selprime® Absorbs	2.2 kW	3 hp
Power Required	15 kW	20 hp
Pump Speed Max.	1800	1800
Impeller Type	Drainer	Drainer
Impeller Blades	3	3
Impeller Diameter	231 mm	9.1 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 312 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	CAT Pod Eco5	
	Metric	US
Length	232 cm	91 in
Width	127 cm	50 in
Height	134 cm	53 in
Dry Weight	1100 kg	2425 lb
Gross Weight	1200 kg	2646 lb
Sound Power	93 LWA	93 LWA
Sound Pressure @ 1m (3ft)	71 db(A)	71 db(A)
Sound Pressure @ 7m (23ft)	30 db(A)	30 db(A)
Engine	CAT C1.7T Mech	CAT C1.7T Mech
Emission Rating	Stage V	Tier 4 Final
Engine / Motor Speed - Max	1800 rpm	1800 rpm
Engine / Motor speed - Min	1000 rpm	1000 rpm
Fuel Tank Capacity.**	105 lt	28 US gal
BEP - Fuel Consumption	4.5 lt/hr	1.2 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
- Hose / pipework
- Fast tow trailer 40mm eye or 50mm ball
- Genuine parts kits
- Valves / Fittings
- Pipe stoppers
- Pump accessories

