

High volume drainer 'D' pump

Pump end specification

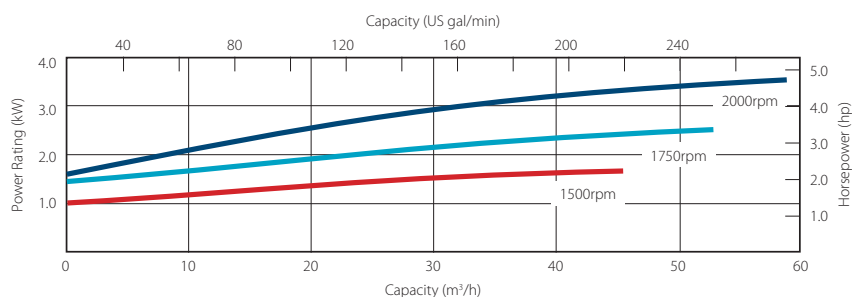
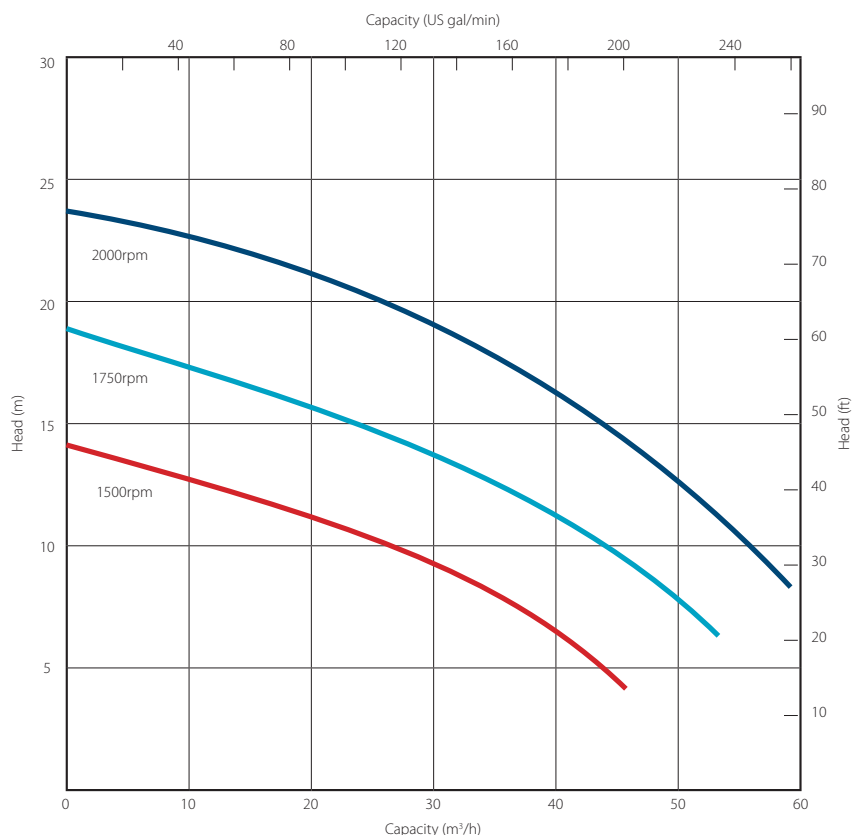
| | Metric | US |
|-------------------|----------------------|---------|
| Capacity | 59 m ³ /h | 260 gpm |
| Total Head | 23.5 m | 77 ft |
| Max. Solids Size | 29 mm | 1.14 in |
| Self Priming Lift | 8.8 m | 29 ft |
| Air Handling | 4.25 l/s | 8.8 cfm |
| Selprime® Absorbs | 0.9 kW | 1.2 hp |
| Power Required | 3.7 kW | 5 hp |
| Pump Speed Max. | 2000 | 2000 |
| Pump Speed Min. | 1000 | 1000 |
| 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 |
| Length | 57 cm | 22.4 in |
| Width | 41 cm | 16.1 in |
| Height | 48 cm | 18.9 in |
| Weight | 80 Kg | 176 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.

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 |



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

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



| Standard builds | 2 Wheel Trolley | | 2 Wheel Site* | | 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 | | 84 LWA | |
| Sound Pressure @ 1m (3ft) | 90 db(A) | | 90 db(A) | | 73 db(A) | |
| Sound Pressure @ 7m (23ft) | 81 db(A) | | 81 db(A) | | 56 db(A) | |
| Pump SAE Size | SAE 6 | | SAE 6 | | SAE 6 | |
| Motor | Hatz 1D42Z | | Hatz 1D42Z | | 3 kW 400/3/50 | |
| Emission Rating | < 37kW | | < 37kW | | - | |
| Engine / Motor Max Speed | 2000 rpm | | 2000 rpm | | 2000 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 | - | - |

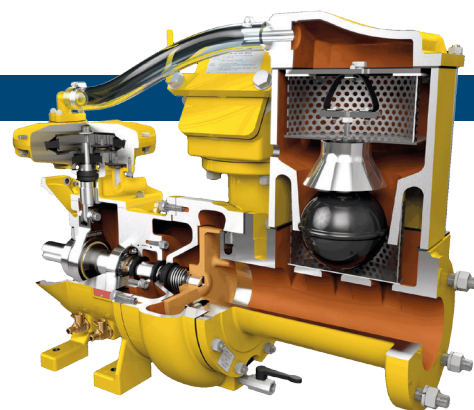
*Open sets exclude fittings

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

Installation drawings are available upon request.

Optional extras

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



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