High volume drainer 'D' pump

Pump end specification

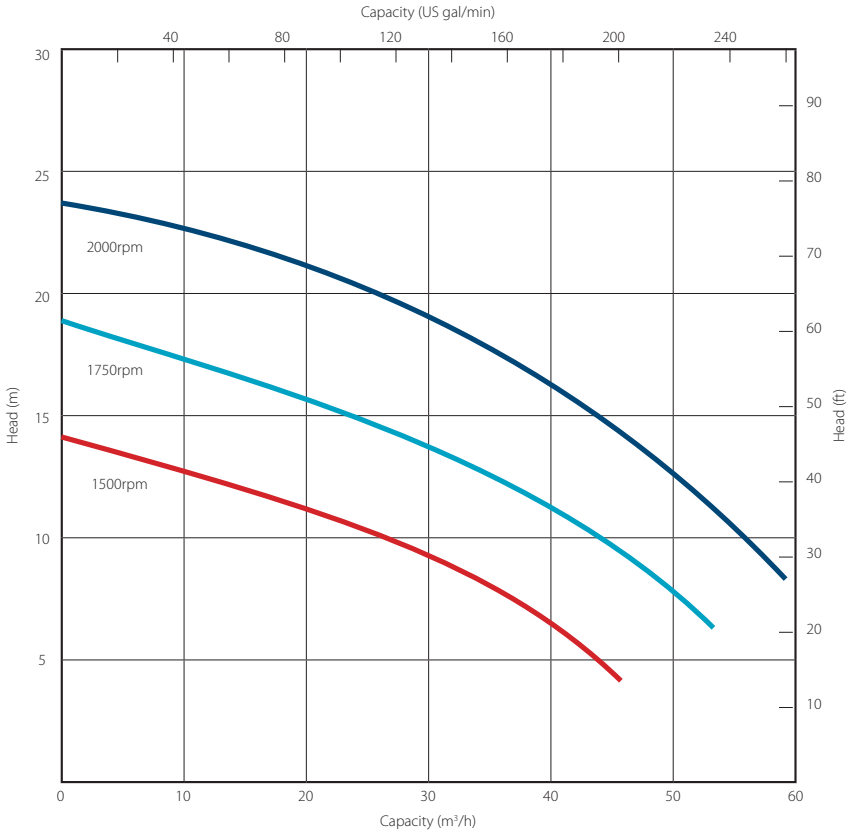
	Metric	US
Capacity	59 m³/h	260 gpm
Total Head	23.5 m	77 ft
Max. Solids Size	29 mm	1.14 in
Self Priming Lift	8.8 m	29 ft
Air Handling	4.25 l/s	8.8 cfm
Selprime® Absorbs	0.9 kW	1.2 hp
Power Required	3.7 kW	5 hp
Pump Speed Max.	2000	2000
Pump Speed Min.	1000	1000
Impeller Type	Drainer	Drainer
Impeller Blades	2	2
Impeller Diameter	180 mm	7 in
Inlet Port	DN 75 PN6	3 PN6
Outlet Port	DN 75 PN6	3 PN6
Length Width Height	57 cm 41cm 48 cm	22.4 in 16.1 in 18.9 in
Weight	80 Kg	176 lb

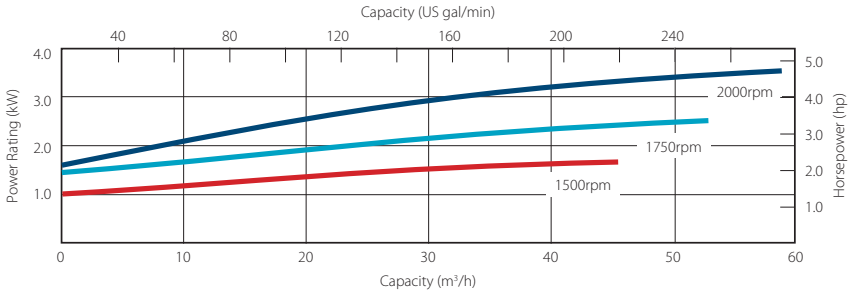
Priming method - Selprime®

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





TOOLKWIP PUMPS

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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

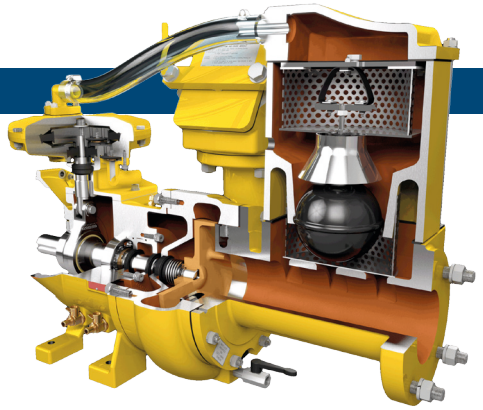
- water – clean, with fine or larger solids
- screened sewage

The new D75 Super Silent is designed to stack up to three units.

Standard builds	2 Wheel Trolley		Electric Static		Super Silent	
	Metric	US	Metric	US	Metric	US
Length Width Height	143 cm 77 cm 109 cm	56 in 30 in 43 in	104 cm 66 cm 58 cm	41 in 26 in 23 in	122 cm 93 cm 120 cm	48 in 36 in 47 in
Dry Weight Gross Weight	225 kg 230 kg	496 lb 507 lb	155 kg 155kg	342 lb 342 lb	585 kg 650 kg	1290 lb 1433 lb
Sound Power Sound Pressure @ 1m (3ft) Sound Pressure @ 7m (23ft)	112 LWA 90 db(A) 81 db(A)		84 LWA 73 db(A) 56 db(A)		TBA	
Pump SAE Size	SAE 6		SAE 6		SAE 6	
Motor	Hatz 1D42Z		3 kW 400/3/50		Hatz 1D42Z	
Emission Rating	Stage 5		-		Stage 5	
Engine / Motor Max Speed	2000 rpm		2000 rpm		2000 rpm	
Fuel Tank Capacity.**	5 lt	1.3 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.



Optional extras

Training
Genuine parts
Valves / Fittings
Pump accessories
Tanks & filtration
Pipe stoppers
Oil drain kit
Hose / pipework
DOL panels
Soft Start panels
Variable speed drive panels

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