S300WD

Solids handling 'S' pump

Pump end specification

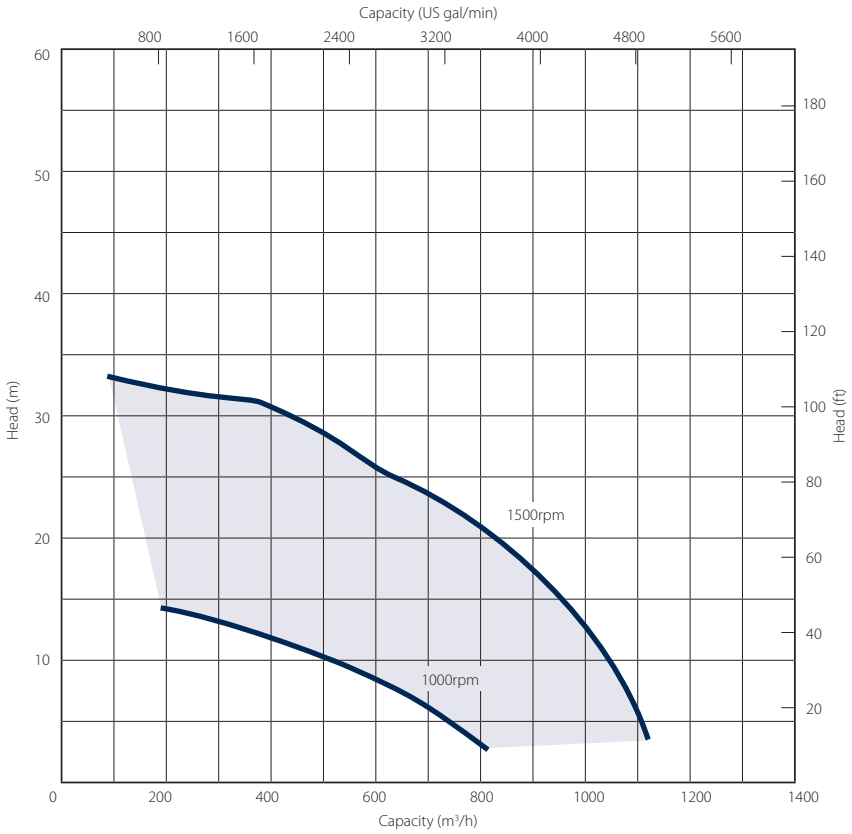
	Metric	US
Capacity	1120 m³/h	4928 gpm
Total Head	33 m	108 ft
Max. Solids Size	100 mm	4 in
Self Priming Lift	8.8 m	28.8 ft
Air Handling	24 l/s	50 cfm
Selprime® Absorbs	2.2 kW	3 hp
Power Required	55 kW	74 hp
Pump Speed Max.	1500 rpm	1500 rpm
Pump Speed Min.	1000 rpm	1000 rpm
Impeller Type	Mixed Flow	Mixed Flow
Impeller Blades	2	2
Impeller Diameter	320 mm	12½ in
Inlet Port	DN 300 PN10	12 in
Outlet Port	DN 300 PN10	12 in
Length Width Height	169 cm 163 cm 112 cm	66.5 in 64.1 in 44.1 in
Weight	865 kg	1903 lb

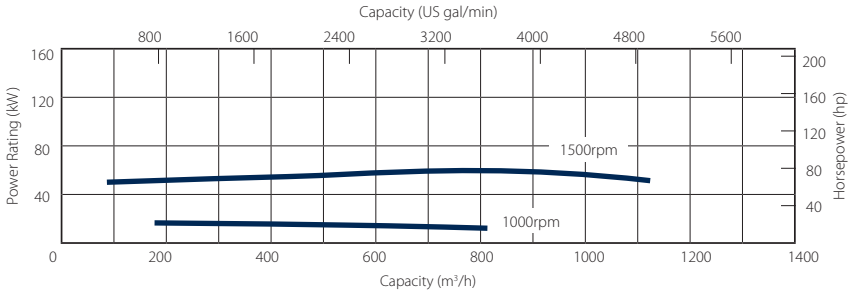
Priming method - Selprime®

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.

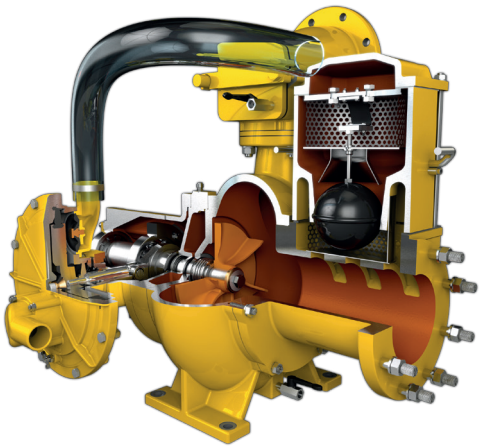
Pump end materials

Pump Casing	Cast Iron BS2789 Grade 500/7
Impeller	Cast Iron BS2789 Grade 500/7
Wear Plates	Cast Iron BS2789 Grade 450/10
Shaft	Steel BS EN 10083-1:2006 GR 708M40 (EN19)S
NRV Body	Ductile Iron GJS (DN65 to 300) Epoxy Coated Inside/Outside
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.



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Specifications and illustrations are subject to revision without notice.

Solids handling 'S' pump

Our 'S Range' pumps are the market-leader when it comes to solids handling.

The vortex-flow design (Seltorque®), Selprime® automatic self-priming and ease of operation means trouble-free pumping of

- raw and unscreened sewage
- sludge or slurry
- water with fine and large solids
- water containing rags and fibres

The Kirloskar build is a value-engineered option for lesser regulated areas.



Build type	Kirloskar Road Tow *	
	Metric	US
Length Width Height	510 cm 210 cm 250 cm	201 in 83 in 98 in
Dry Weight (Gross Weight	3244 kg 3500 kg	7152 lb 7716 lb
Sound Power Sound Pressure @ 1m (3ft) Sound Pressure @ 7m (23ft)	NA	
Engine / Motor	Kirloskar HA694TC	
Emission/ Electrical Rating	**Lesser Regulated Areas ONLY**	
Engine / Motor Max Speed	**1500 rpm**	
Fuel Tank Capacity	300 lt	79 US gal
BEP - Fuel Consumption	15 lt/hr	4 US gal/hr

* Pump sets exclude fittings
** Requires 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

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