

Solids handling 'S' pump

Pump end specification

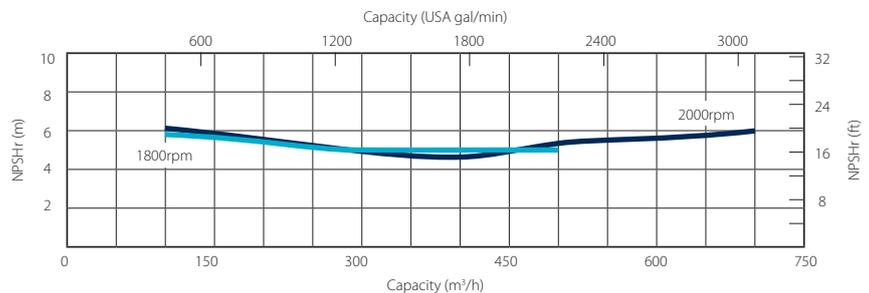
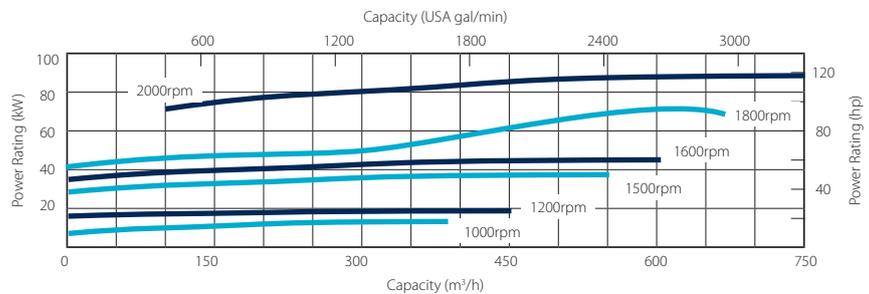
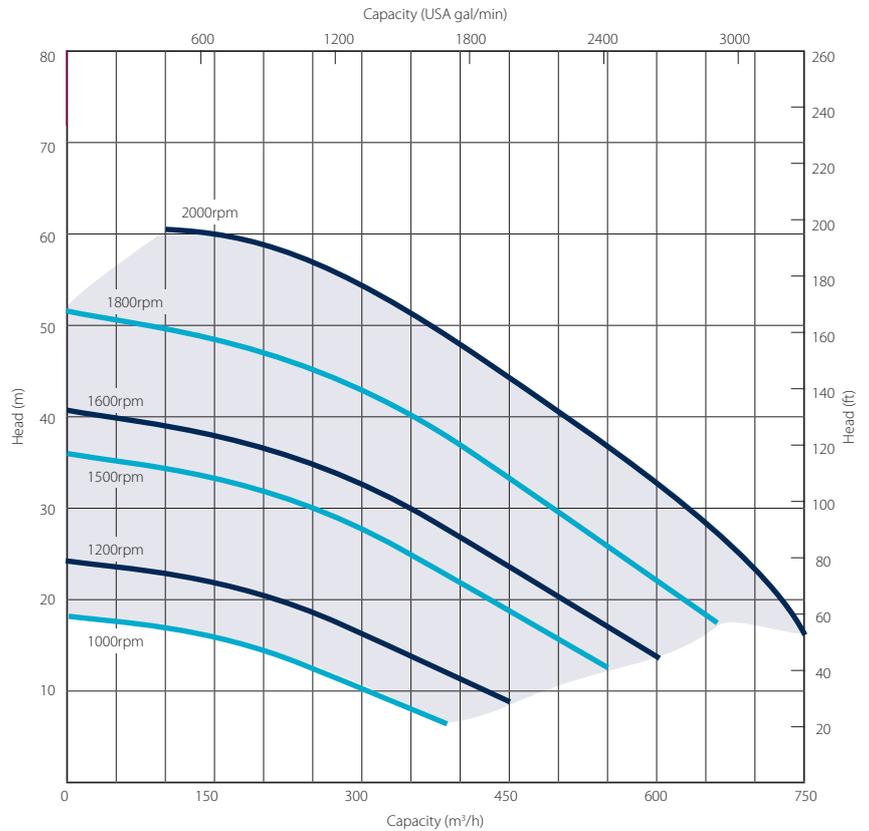
	Metric	US
Capacity	750 m ³ /h	3302 gpm
Total Head	60 m	197 ft
Max. Solids Size	76 mm	3 in
Self Priming Lift	8.8 m	29 ft
Air Handling	24 l/s	50 cfm
Selprime [®]	2.2 kW	3 hp
Absorbs		
Power Required	100 kW	134 hp
Pump Speed Max.	2000 rpm	2000 rpm
Impeller Type	Semi Open	Semi Open
Impeller Blades	2	2
Impeller Diameter	340 mm	13.38 in
Inlet Port	DN 200 PN10	8 in
Outlet Port	DN 150 PN10	6 in

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	SG Iron 500/7
Impeller	Stainless Steel 316
Wear Plates	Stainless Steel 316
Shaft	Stainless Steel 431
NRV Body	Cast Iron Grade 220
Mechanical Seal	Silicon Carbide v Silicon Carbide
Pump End Bearing	Taper Roller
Drive End Bearing	Taper Roller



Please note: The above curve covers the complete range and ability of the pump unit. Actual performance will be subject to the motor/engine indicated overleaf.

Solids handling 'S' pump

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

A screw impellor, Selprime® automatic self-priming, emission compliant engines 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



Standard builds	Electric Skid*		CAT Open Skid		CAT Open Skid		CAT Super Silent		CAT Super Silent	
	Metric	US	Metric	US	Metric	US	Metric	US	Metric	US
Length	282 cm	111 in	277 cm	109 in	277 cm	109 in	300 cm	118 in	300 cm	118 in
Width	111 cm	44 in	135 cm	53 in	135 cm	53 in	140 cm	55 in	140 cm	55 in
Height	161 cm	63 in	195 cm	78 in	195 cm	78 in	218 cm	86 in	218 cm	86 in
Dry Weight	2150 kg	4740 lb	2510 kg	5533 lb	TBA	TBA	3150 kg	6930 lb	3150 kg	6930 lb
Gross Weight	2150 kg	4740 lb	2760 kg	6085 lb			3490 kg	7678 lb	3490 kg	7678 lb
Sound Power	104 LWA		111 LWA		111 LWA		101 LWA		106 LWA	
Sound Pressure @ 1m (3ft)	82 db(A)		89 db(A)		89 db(A)		78 db(A)		84 db(A)	
Sound Pressure @ 7m (23ft)	73 db(A)		84 db(A)		84 db(A)		69 db(A)		76 db(A)	
Engine / Motor	110kW 400/3/50	148 hp	CAT C4.4		CAT C4.4		CAT C4.4		CAT C4.4	
Emission / Electrical Rating	IE3	-	Stage IIIB	Tier 4	Lesser Regulated Areas ONLY		Stage IIIB	Tier 4	Lesser Regulated Areas ONLY	
Engine / Motor Speed - Max	2000 rpm		2000 rpm		2000 rpm		2000 rpm		2000 rpm	
Engine / Motor Speed - Min	1000 rpm		1000 rpm		1000 rpm		1000 rpm		1000 rpm	
Fuel Tank Capacity,**	-		300 lt	66 US gal	300 lt	66 US gal	400 lt	106 US gal	400 lt	106 US gal
BEP - Fuel Consumption	-		24 lt/hr	5.28 US gal/hr	24 lt/hr	5.28 US gal/hr	24 lt/hr	5.28 US gal/hr	24 lt/hr	5.28 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 kits
- Valves / Fittings
- Pump accessories
- Hose / pipework
- Auto stop/start control panels
- Pump telemetry
- Oil drain kit
- Bulk fuel kit
- Tanks & filtration
- Pipe stoppers
- Chalwyn valve & spark arrestor

