

Positive displacement pump builds

Our best-selling 'PD Pumps' feature non-turbulent flows, indefinite dry running & automatic self-priming.

Quality-engineered, these pumps are durable and are easy to operate and maintain.

Applications include

- S** Viscous liquids
- S** Oil recovery and skimming
- S** Light and heavy oils
- S** Polymers
- S** Water - clean, dirty or with fine solids
- S** Wellpoint systems



Standard builds	2 Wheel Site		Static	
	Metric	US	Metric	US
Length	100 cm	39 in	61 cm	24 in
Width	64 cm	25 in	51 cm	20 in
Height	69 cm	27 in	53 cm	21 in
Dry Weight	100 kg	220 lbs	100 kg	220 lbs
Gross Weight	105 kg	231 lbs	100 kg	220 lbs
Sound Power	108 LWA		84 LWA	
Sound Pressure @ 1m (3 ft)	db(A) awaiting test		82 db(A)	
Sound Pressure @ 7m (23 ft)	db(A) awaiting test		73 db(A)	
Engine / Motor	Yanmar L48		3 kW 400/3/50	
Emission Rating	Transition engine - none / STV on release 2019		IE3	
Engine / Motor Max Speed	2000 rpm		1500 rpm	
Fuel Tank Capacity.	5.5lt	1.2 US gal	-	-
BEP - Fuel Consumption	0.7 lt/hr	0.18 US gal/hr	-	-

Installation drawings are available upon request.

Optional extras

Training
Genuine parts
Valves / Fittings
Pump accessories
Tanks & filtration
Pipe stoppers
Auto stop/start control panels

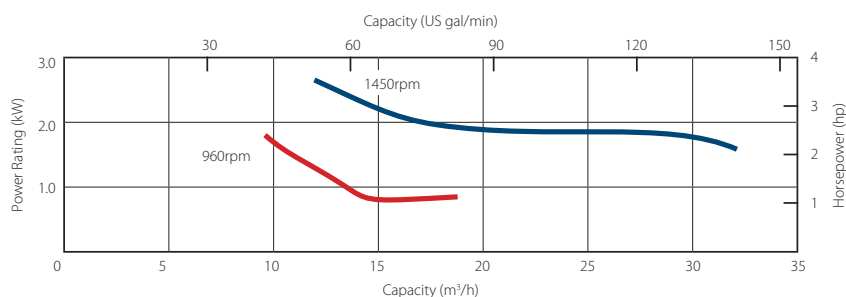
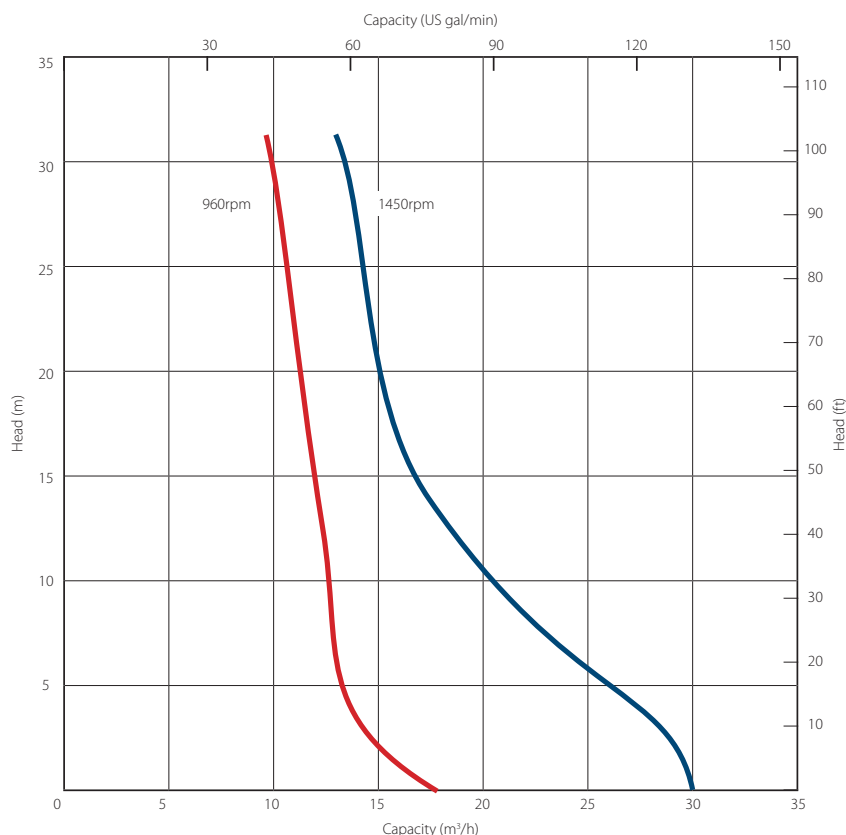
Pump telemetry
Oil drain kit
Hose / pipework
Chalwyn valve & spark arrestors



Positive displacement pump

Pump end specification		Pt No. 0394094000
	Metric	US
Capacity	30 m ³ /h	132 USgpm
Total Head	30.5 m	100 ft
Max. Solids Size	6 mm	0.23 in
Self Priming Lift	8.8 m	29 ft
Air Handling	3.77 l/s	8 cfm
Priming method	Positive Displacement	
Power Required	3 - 3.7 kW	4 - 5 hp
Pump Speed Max.	1500 rpm	1500 rpm
Pump Speed Min.	960 rpm	960 rpm
Impeller Type	-	-
Impeller Blades	-	-
Impeller Diameter	-	-
Inlet Port	75 mm	3 in
Outlet Port	75 mm	3 in
Length	34.0 cm	13.5 in
Width	51.5 cm	20.0 in
Height	32.0 cm	12.5 in
Weight	20.5 kg	45 lb

Pump end materials	
Pump Casing	Aluminium Alloy
Shaft	Mild Steel
Pump End Bearing	6305 2RS
Drive End Bearing	6305 2RS



AmoraSub

www.amorasub.pt

Parque Industrial S. Marta
de Corroios
Rua Manuel Ribeiro, Lote 13
2845-409 Amora - Portugal

T +351 919 708 279
E geral@amorasub.pt