

HL110M Technical Specification

Standard pump material specification							Bearing Details			
Pump Casing / Separation Tank	Impeller	Wear Plates	Shaft	Engine Adaptor	NRY Body	NRY Flap & Seat	Mechanical Seal	Pump End Bearing	Drive End Bearing	Priming Method
Cast Steel BS3100 A5	Cast Steel BS3100 A5 Hardness to 200 HB Brinell	High Chrome Cast Iron Hardened to 625 HB Brinell	Nickel Chrome Steel to BS 970 Grade M40 EN24T	Cast Iron to BS1452 Grade 250	Cast Steel	Steel / Rubber	Silicon Carbide vs Silicon Carbide Viton	Roller	Angular contact	Air compressor / Dri-Prime system
Notes: Alternative material specification available on request										

Technical Details:

Suction:	100mm Table 'D'	Maximum Operating Temperature	80 °C
Discharge:	80mm NP25	Maximum Working Pressure	19 Bar
Maximum Capacity	110 M3/hr	Maximum Suction Pressure	6 Bar
Maximum Head	188 Meters	Maximum Test Pressure	28.5 Bar
Maximum Solids handling:	20 mm	Maximum Operating Speed	2200 RPM
Impeller Type	Fully open	Normal Operating Speed	2000 RPM
Number of Blades	3	Minimum Operating Speed	1400 RPM
Maximum Impeller Diameter	465 mm	Standard compressor absorbs	3 KW

Diesel Set - Performance :

Total Suction Head - Meters	Total Delivery Head				
	120	130	140	145	150
	Output M3/hr				
3.0	102	90	75	65	45
4.6	96	85	65	60	20
6.1	90	80	60	45	--
7.6	85	75	55	35	--

Impeller Dia: 465 mm

Performance data provided in tables is based on water tests at sea level and 20 deg c ambient.

Running Period :	16 Hours	Normal Operating speed
Fuel tank capacity	255 Litres	
Approximate weight	1750 Kgs (DRY)	
	1958 Kgs (WET)	

Approximate Dimensions:	Length	2575 mm
	Width	1275 mm
	Height	1815 mm

Diesel Set - Performance :

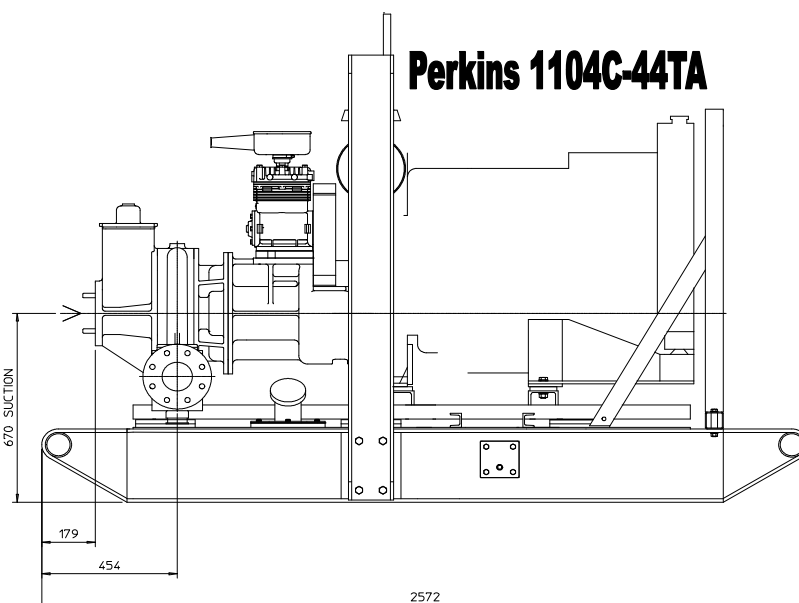
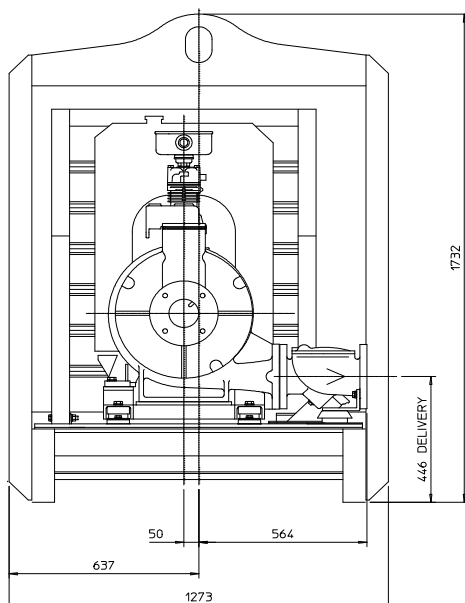
Total Suction Head - Meters	Total Delivery Head				
	150	160	170	175	180
	Output M3/hr				
3.0	110	95	80	65	50
4.6	105	90	75	60	35
6.1	100	85	70	55	30
7.6	90	75	65	40	--

Impeller Dia: 465 mm

Performance data provided in tables is based on water tests at sea level and 20 deg c ambient.

Running Period :	12 Hours	Normal Operating speed
Fuel tank capacity	270 Litres	
Approximate weight	1790 Kgs (DRY)	
	2010 Kgs (WET)	

Approximate Dimensions:	Length	2600 mm
	Width	1275 mm
	Height	1815 mm



Alternative options available e.g. Highway trailer, Site Trolley, Skidbase, Silenced set etc. Please Contact **Godwin Pumps Ltd** for details.

Reference Number	HL110M_CM
Issue	2

Godwin Pumps Limited
 Quenington, Cirencester,
 Gloucestershire GL7 5BX, England
 Tel: 01285 750271 Fax: 01285 750352
 E-mail: sales@godwinpumps.co.uk
 Web Site www.godwinpumps.co.uk





Pump Type	HL110M
Curve No	HL110M-VARSPEED-040204
Branch Sizes	100 x 80mm
Date	12.10.04
Speed	VARIABLE

