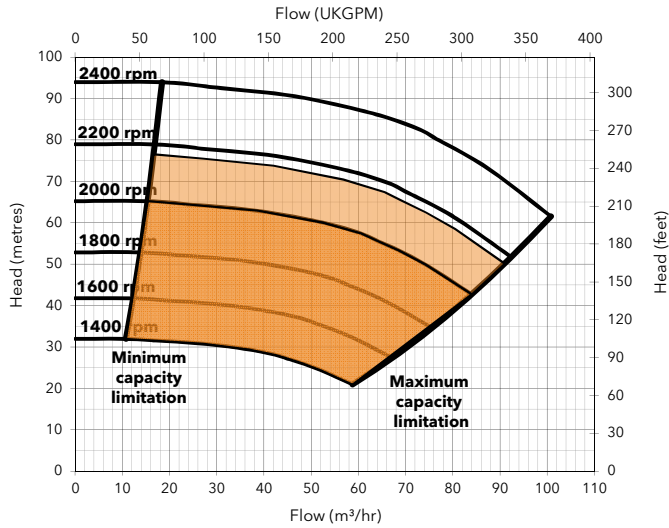


# Performance Curve



## Engine option 1

Price list ref - HL80M-01-DBO-003

Perkins, 1104D-44T, 54.6 kW @ 2100 rpm

Impeller diameter 325 mm

Pump Speed 2100 rpm

### Suction Lift Table

Total Suction Head (metres)	Total Delivery Head (metres)				
	40	52	59	66	69
	Output (m³/hr)				
3.0	98	87	76	60	49
4.6	95	85	70	46	-
6.1	91	78	65	49	-
7.6	75	65	54	33	-

Fuel capacity (Full) 390 litres, (Usable) 318 litres

Fuel consumption @ 2100 rpm BEP 10 litres/hour

Weight: (Dry) 1,700 kg, (Wet) 2,030 kg

Dimensions: (L) 2,500 x (W) 1,300 x (H) 1,900 mm

Performance data provided in tables is based on water tests at sea level and 20°C ambient. All information is approximate and for general guidance only. Please contact the factory or office for further details.

# Materials

Pump casing & suction cover	Cast iron BS EN 1561 - 1997
Wearplates	Cast Iron BS EN 1561 - 1997
Pump Shaft	Carbon steel BS EN 1561 - 1997
Impeller	Cast Steel BS3100 A5 Hardness to 200 HB Brinell
Non-return Valve body	Cast Iron BS EN 1561 - 1997
Mechanical Seal Faces	Silicon carbide vs silicon carbide

## Engine option 2

Price list ref - HL80M-01-DBO-002

Perkins, 404D-22T, 30.9 kW @ 2000 rpm

Impeller diameter 315 mm

Pump Speed 2000 rpm

### Suction Lift Table

Total Suction Head (metres)	Total Delivery Head (metres)				
	34	44	50	56	58
	Output (m³/hr)				
3.0	90	80	70	55	45
4.6	88	78	65	42	-
6.1	84	72	60	45	-
7.6	69	60	50	30	-

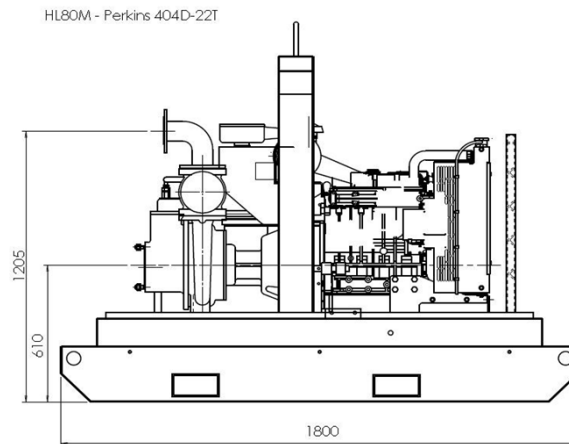
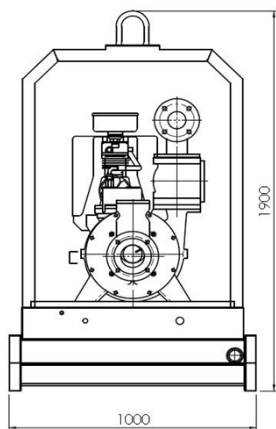
Fuel capacity (Full) 170 litres, (Usable) 140 litres

Fuel consumption @ 2000 rpm BEP 7 litres/hour

Weight: (Dry) 1,100 kg, (Wet) 1,245 kg

Dimensions: (L) 1,800 x (W) 1,000 x (H) 1,900 mm

Performance data provided in tables is based on water tests at sea level and 20°C ambient. All information is approximate and for general guidance only. Please contact the factory or office for further details.



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