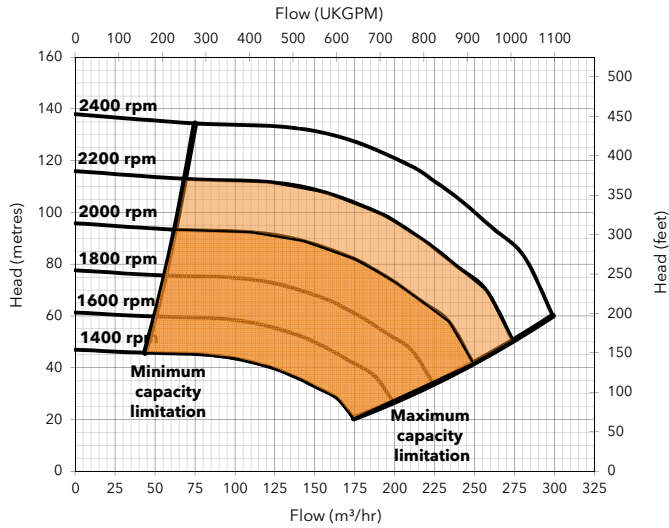


Performance Curve



Engine option 1

Price list ref - HL125M-01-DBH-002

Perkins, 1106D-E66TA (129), 103.5 kW @ 2200 rpm

Impeller diameter 370 mm

Pump Speed 2200 rpm

Suction Lift Table

Total Suction Head (metres)	Total Delivery Head (metres)				
	43	61	79	91	103
	Output (m³/hr)				
3.0	275	264	237	204	165
4.6	275	264	231	198	154
6.1	216	198	165	143	121
7.6	158	149	132	110	66

Fuel capacity (Full) 324 litres, (Usable) 262 litres

Fuel consumption @ 2200 rpm BEP 26 litres/hour

Weight: (Dry) 2,900 kg, (Wet) 3,200 kg

Dimensions: (L) 3,350 x (W) 1,300 x (H) 1,887 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.

Running Speed (rpm)	Av Sound Pressure Rating (dba)		
	Distance		
	1m	3m	7m
1400	73	66	67
2000	77	71	68
2200	79	78	76

Materials

Pump casing & suction cover	Cast iron BS EN 1561 - 1997
Wearplates	High Chromium Cast Iron HC403:1977 Hardened to 480 HB Brinell
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 - HL125M-01-DBH-001

Perkins, 1104D-E44TA, 74.1 kW @ 2000 rpm

Impeller diameter 370 mm

Pump Speed 2000 rpm

Suction Lift Table

Total Suction Head (metres)	Total Delivery Head (metres)				
	35	50	65	75	85
	Output (m³/hr)				
3.0	250	240	215	185	150
4.6	250	240	210	180	140
6.1	196	180	150	130	110
7.6	144	135	120	100	60

Fuel capacity (Full) 340 litres, (Usable) 255 litres

Fuel consumption @ 2000 rpm BEP 17 litres/hour

Weight: (Dry) 2,150 kg, (Wet) 2,500 kg

Dimensions: (L) 2,890 x (W) 1,300 x (H) 1,800 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.

Running Speed (rpm)	Av Sound Pressure Rating (dba)		
	Distance		
	1m	3m	7m
1400	72	65	65
1800	76	69	66



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