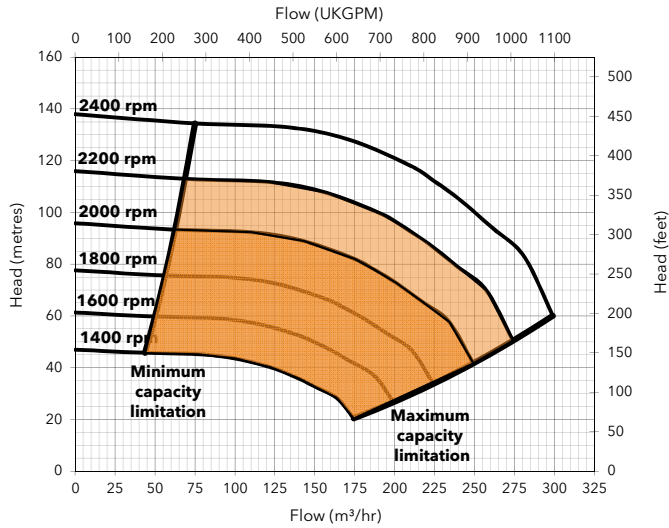


# Performance Curve



## Engine option 1

Price list ref - HL125M-01-DBO-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) 475 litres, (Usable) 388 litres

Fuel consumption @ 2200 rpm BEP 26 litres/hour

Weight: (Dry) 2,200 kg, (Wet) 2,600 kg

Dimensions: (L) 2,950 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                  | 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-DBO-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) 390 litres, (Usable) 318 litres

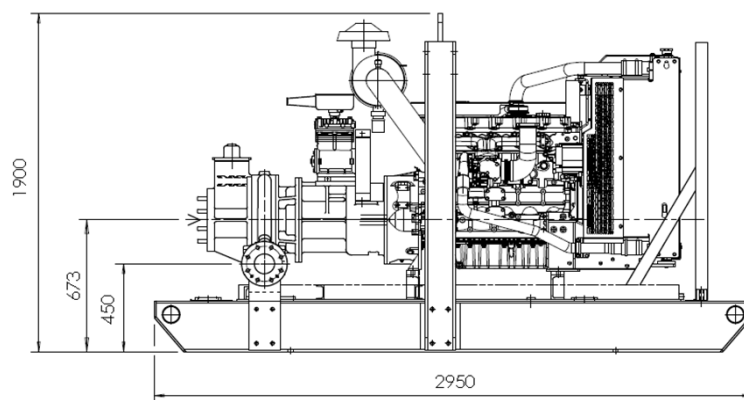
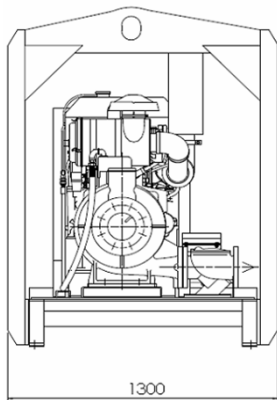
Fuel consumption @ 2000 rpm BEP 17 litres/hour

Weight: (Dry) 1,900 kg, (Wet) 2,233 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.

HL125M - Perkins 1106D-E66TA



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