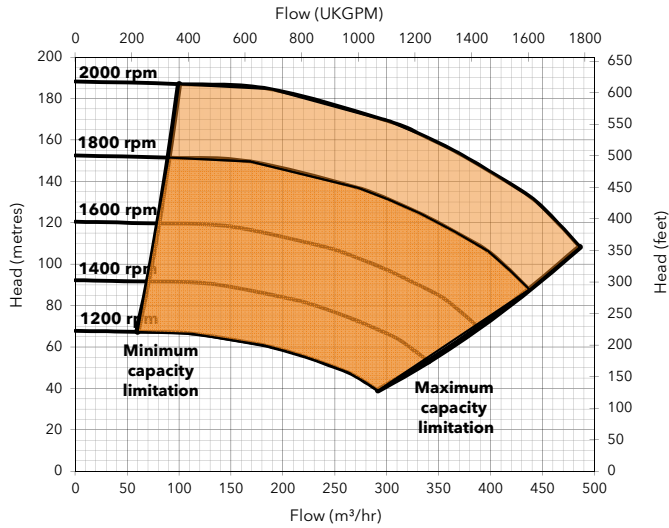


# Performance Curve



## Engine option 1

Price list ref - HL160M-01-DBO-001

Caterpillar, C15, 315.0 kW @ 2000 rpm

Impeller diameter 508 mm

Pump Speed 2000 rpm

### Suction Lift Table

Total Suction Head (metres)	Total Delivery Head (metres)				
	110	140	160	180	180
	Output (m³/hr)				
3.0	486	406	345	240	185
4.6	475	398	334	230	170
6.1	415	405	320	198	162
7.6	325	315	290	200	-

Fuel capacity (Full) 1225 litres, (Usable) 993 litres

Fuel consumption @ 2000 rpm BEP 68 litres/hour

Weight: (Dry) 5,940 kg, (Wet) 7,050 kg

Dimensions: (L) 4,000 x (W) 1,950 x (H) 2,350 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 Grade FR6252
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 viton

## Engine option 2

Price list ref - HL160M-01-DBO-003

Volvo, TAD951VE, 203.0 kW @ 1800 rpm

Impeller diameter 508 mm

Pump Speed 1800 rpm

### Suction Lift Table

Total Suction Head (metres)	Total Delivery Head (metres)				
	87	111	127	143	143
	Output (m³/hr)				
3.0	437	365	311	216	167
4.6	428	358	301	207	153
6.1	374	365	288	178	146
7.6	293	284	261	180	-

Fuel capacity (Full) 850 litres, (Usable) 690 litres

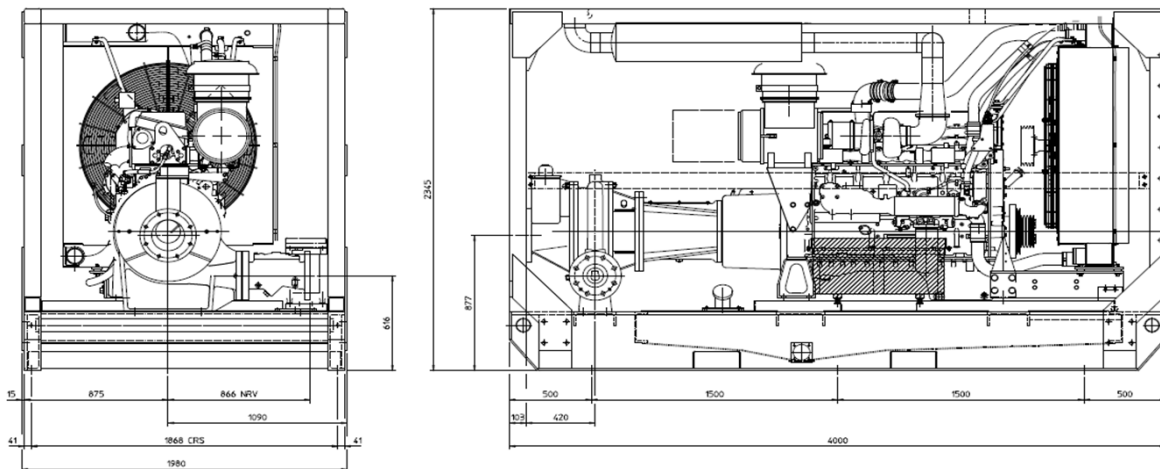
Fuel consumption @ 1800 rpm BEP 48 litres/hour

Weight: (Dry) 5,200 kg, (Wet) 5,944 kg

Dimensions: (L) 3,700 x (W) 1,700 x (H) 2,200 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.

HL160M CAT C15 ACERT



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