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Perkins MARINE POWER

6.3544(M)



Range 4 135

The Range 4.135 is the latest version of the immensely popular and well proven 6.3544 marine engine. The compact installation profile and power characteristics makes this unit compatible with workboat and pleasure craft. It can be used easily with either conventional shaftdrive, sterndrive or vee drive systems.

**100,7 kW/135
bhp**

General Data

Bore/Stroke: 98,4 mm (3.875 in)/127,0 mm (5.00 in)

No. of cylinders: 6 in-line vertical

Cubic capacity: 5,8 litres (353.8 in³)

Cycle: 4 stroke

Combustion System: Direct injection

Rotation: Anti-clockwise viewed from rear

Fuel pump: Rotary, distributor type

Governing: Mechanical

Cooling: Heat exchanger/freshwater

Weight: 615 kg (1352 lb) with direct drive Borg Warner gearbox

Electrical: 12 volt or 24 volt system

Power take-off: Full engine torque from crankshaft extension

Installation angle: Max. static angle: 17°.

Underway 20°. Also 5° nose-down for vee-drive applications

 **Perkins**
Engines

6.3544(M) RANGE 4 135

Typical Applications

The engine is available for continuous duty in the following applications.

Pleasure: Sports, fishermen, trawler yachts and cruisers.

Light Commercial: Survey vessels, personnel launches, patrol craft, police and customs launches, pilot boats, harbour masters' launches.

Fuel Consumption

The table gives approximate fuel consumption for an engine operating at rated speed, rated power and typical values for average lower-speed operating conditions.

Engine power		Full power Fuel consumption			Average operating Fuel consumption		
Speed rev/min	Load bhp	UK gals. per hr.	US gals. per hr.	litres per hr.	UK gals. per hr.	US gals. per hr.	litres per hr.
2800	120	6.2	7.4	28	2.3	2.8	11
2500	114	5.6	6.7	25	2.2	2.6	10

Options

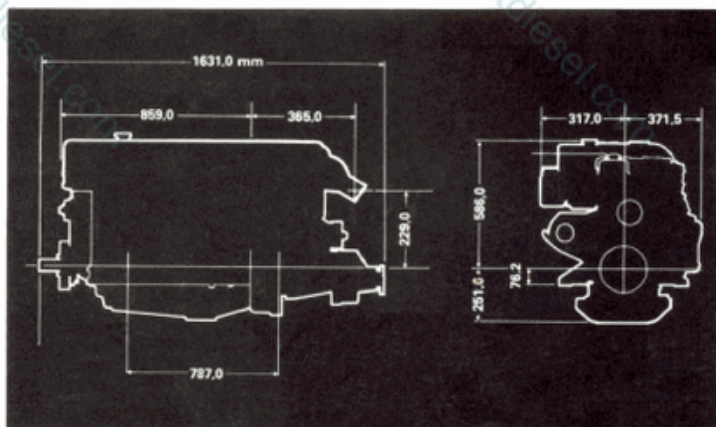
Engine fitted:

Borg Warner and other transmissions; alternative flywheels and housings; 12 or 24 volt alternators and starters; flexible engine mountings; wet or dry exhaust outlets; sump drain pump; cold starting aid; calorifier connections; electric remote shutdown; power take-off shaft.

Supplied loose:

Electrical instruments (single or dual station) with audible/visual alarm system for high water and lubricating oil temperature/low oil pressure; bilge pump; tool kit; on-board spares kit; fuel pre-filter; gearbox output couplings.

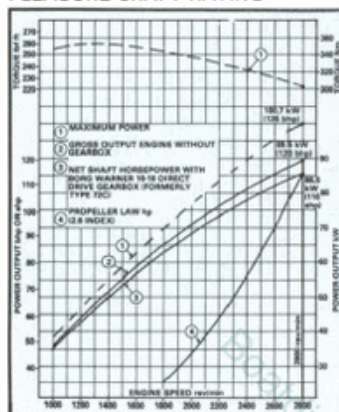
Dimensions



Perkins Engines Limited
Peterborough PE1 5NA England

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PLEASURE CRAFT RATING



Rating standard BS AU 141a : 1971

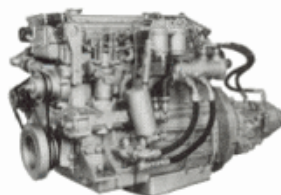
Pleasure craft propellers should be matched to achieve maximum rated engine speed under fully loaded boat conditions.

Engine as delivered from factory will be set to produce gross power output within manufacturing tolerance and run-in allowance.

ALTERNATIVE RATINGS:

COMMERCIAL CRAFT:

85 kW/114 bhp at 2500 r.p.m.



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All information given in this leaflet is substantially correct at the time of printing but may be altered subsequently by the Company. Intending purchasers should therefore check for current data at time of