

THORNYCROFT

MARINE ENGINES

TYPE

33



Specification

Type 33 Vertical 4-Cylinder Diesel Engine

For installation in

1000W, 1000, 1000, 1000, 1000

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**Power Ratings: 10.5kW (15 bhp) Intermittent,
9.4kW (13.5bhp) Continuous.**

Type 44 Engine with Multi-Point Fuel Injection Dry Weight 107 kg (236 lb)



Engine ratings

The Type 44 engine meets requirements for an approved helicopter engine from EASA for use in Class A helicopters.

The engine complies with the latest set of the requirements in terms of 100% of the 1500 hours operation, starting and stopping, and operation at an overspeed range of 20% at 1000 RPM.

100% of rated power being tested at 100% of the rated RPM, this engine may be used for helicopter engine tests and certified on the basis of ground test data. The engine complies with the requirements for the use of 100% RPM above 2000 RPM in helicopters (see table). It meets the engine category 100% of the maximum helicopter performance per EASA etc.



Power	100%	100%	100%	100%	100%	100%
Power (kW)	100	100	100	100	100	100
RPM	1000	1000	1000	1000	1000	1000
100% Power	100	100	100	100	100	100
100% RPM	100	100	100	100	100	100
100% RPM + 20%	100	100	100	100	100	100

Other gear

Throttle with positive detents, installed in either standard configuration (with cable) or with push button.

Variable pitch gearbox for variable pitch blades, with variable pitch gearbox, variable pitch gearbox, and variable pitch gearbox.

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The engine meets European Aviation
 Medical and EASA engine rules.

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