

TAMD74LEDC

Technical Data

Engine designation	TAMD74LEDC
No. of cylinders and configuration	in-line 6
Method of operation	4-stroke, direct injected, turbocharged diesel engine with aftercooler
Bore, mm (in.)	107 (4.21)
Stroke, mm (in.)	135 (5.31)
Displacement, l (m³)	7.28 (444)
Compression ratio	17.2:1
Dry weight, kg (lb)	850 (1895)
Weight with reverse gear MG5075A-E, excl. water and oil, kg (lb)	1045 (2304)
Crankshaft power, kW (bhp) 2500 rpm	316 (430)
Propshaft power with MG5075A-E, kW (bhp) 2500 rpm	303 (413)
Torque, Nm (lbf.ft) 2500 rpm	1202 (887)
Recommended fuel to conform to	ASTM D975 1-D & 2-D, EN 590 or 2S KK 2204

Specific fuel consumption,
g/kWh (lb/hp-h) 2500 rpm 229 (30.372)

Fuel temperature 5–55°C (41–131°F)

Rating 5
Technical data according to ISO 3046 Fuel Ship Power and
ISO 30055. Fuel with lower calorific value of 42700 kJ/kg and
viscosity of 840 cSt at 10°C (50°F). Merchant fuel may differ
from this specification which will influence engine power output
and fuel consumption.
This engine is certified according to IMO.

Optional equipment:

Engine

- Flexible suspension for engine and reverse gear

Lubrication system

- Electrically operated oil drain pump
- Rear-mounted full-flow and by-pass oil filters of spin-on types

Fuel system

- Single or twin fuel filter/water separators

Exhaust system

- Exhaust elbow, wet
- Exhaust riser, wet
- Exhaust boot, wet
- Exhaust elbow, dry
- Silencer, dry
- Flexible compensator, dry

Cooling system

- Seawater strainer
- Hot water outlet
- Separate expansion tank

Electrical system

- 12V 130A or 24V 100A extra alternators
- Various instrument panels
- Cable harness in different lengths
- EDC Monitoring panels
- Multistation unit
- Electrical control lever

Power transmission

- PTO crankshaft front end, type stub shaft incl. universal bracket
- Hydraulic pump for steering and other duties

Reverse gear

- MG5075A-E, MG5085A-E,
MG5085SC-E, ZF 280A-EB,
ZF 301A-EB, ZF 280V-EB and
ZF 300V-EB, electrically shifted

Other equipment

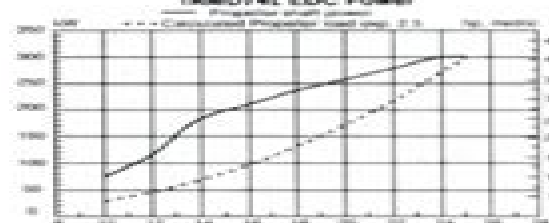
- Belt guard
- White-painted engine and reverse gear

Contact your local Volvo Penta dealer for further information.

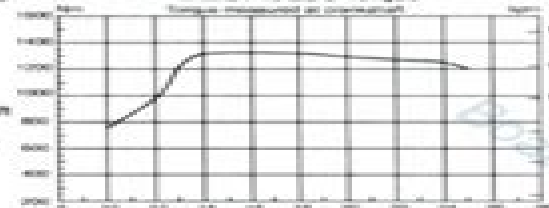
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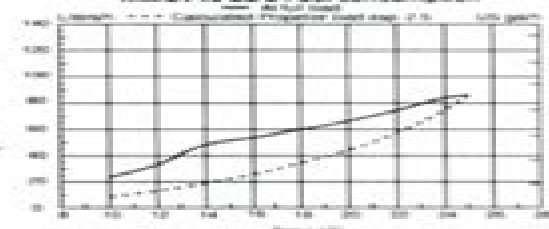
TAMD74LEDC Power



TAMD74LEDC Torque

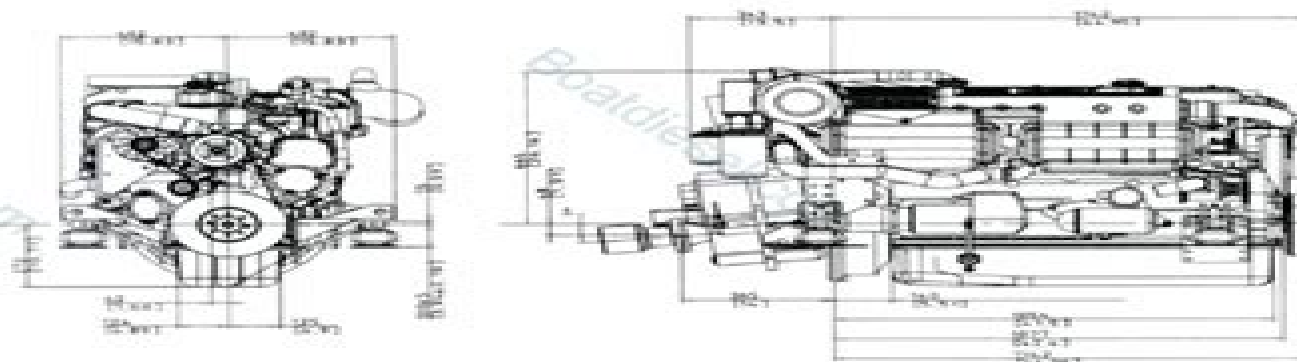


TAMD74LEDC Fuel consumption



Dimensions TAMD74LEDC with MG5075A-E

Not for installation



VOLVO PENTA

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SE-405 08 Göteborg, Sweden
www.volvo-penta.com

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Aktiebolaget Volvo.



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