

# 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 (33.72)

Fuel temperature 5–55°C (41–131°F)

Rating 5  
Technical data according to ISO 3046 Fuel Ship Power and  
ISO 3005. Fuel with lower calorific value of 42 700 kJ/kg and  
viscosity of 840 cSt at 10°C (50°F). Merchant fuel may differ  
slightly from 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

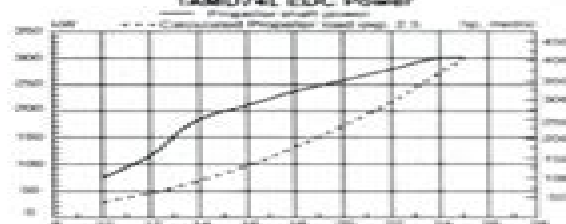
- Belt guard
- White-painted engine and reverse gear

Contact your local Volvo Penta dealer for further information.

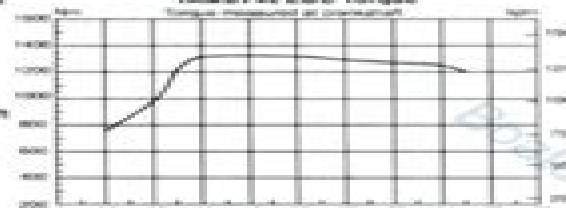
Not all models, standard equipment and accessories are available in all countries. All specifications are subject to change without notice.

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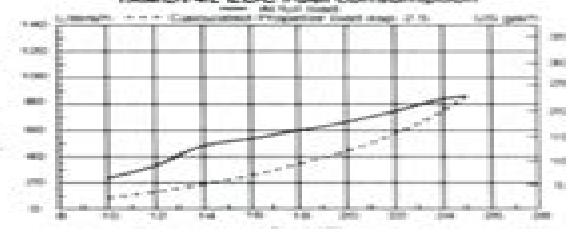
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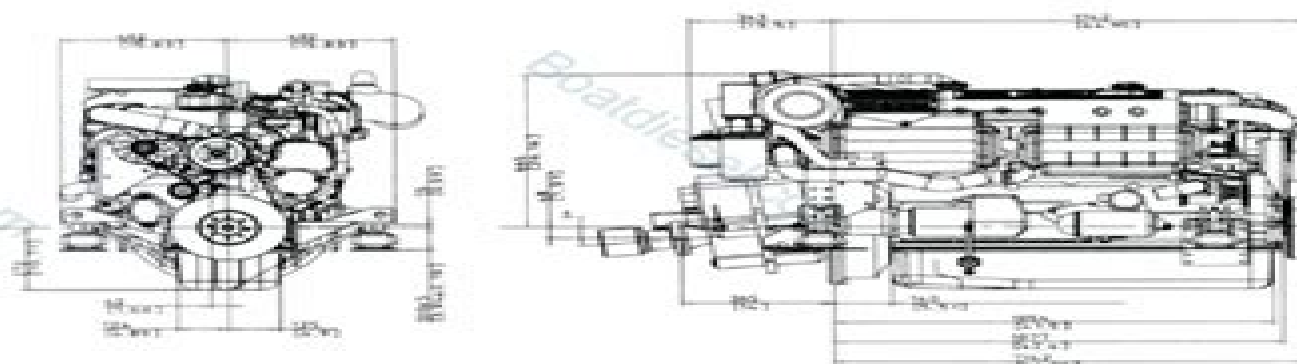


TAMD74LEDC Fuel consumption



## Dimensions TAMD74LEDC with MG5075A-E

Not for installation



**VOLVO PENTA**

AB Volvo Penta  
SE-405 08 Göteborg, Sweden  
www.volvopenta.com

# Volvo Penta Tamd 74 Edc Manual

**Joan Coles, Clarence Coles**



## **Volvo Penta Tamd 74 Edc Manual:**

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