D2-40





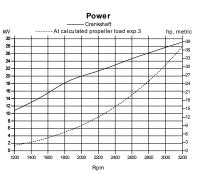
Technical Data

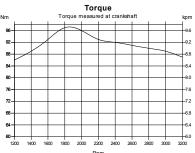
| Engine designation | D2-40 |
|--|----------------------------|
| Crankshaft power, kW (hp) | 29.1 (39.6) |
| Propeller shaft power, kW (hp) | 27.9 (38.0) |
| Engine speed, rpm | 2800-3200 |
| Displacement, I (in ³) | 1.51 (92.1) |
| Number of cylinders | 4 |
| Bore/stroke, mm (in.) | 77/81 (3.03/3.19) |
| Compression ratio | 23.5:1 |
| Dry weight with reverse gear MS15A/MS15L, kg (lb) | 178/177 (392/390) |
| Dry weight with saildrive 130S, kg (lb) | 189 (417) |
| Emission compliance | BSO, EU RCD, US EPA Tier 3 |
| Rating | R5* |

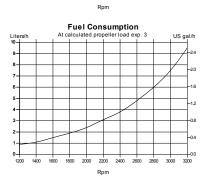
Technical data according to ISO 8665. With fuel having an LHV of 42700 kJ/kg and density of 840 g/liter at 15 °C (60 °F).

Merchant fuel may differ from this specification which will influence engine power output and fuel consumption.

 $^{*}\text{RATING 5.}$ For pleasure craft applications, and can be used for high speed planing crafts in commercial applications









D2-40

Technical description:

Engine block and head

- Cylinder block and cylinder head manufactured from high grade cast iron. Crankcase features a rigid tunnel block design.
- Chrome molybdenum forged crankshaft, statically and dynamically balanced with integral counterweights. Pistons are cast from high silicon aluminum, are heat treated and fitted with two cast iron, chromium faced compression rings and a single oil ring.
- Replaceable, hardened valve seats
- Elastic coupling on flywheel

Engine mounting

Tuned front and rear cushion-type rubber mounts. Adjustable.

Lubrication system

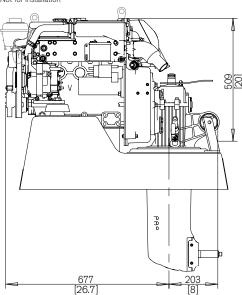
- Spin-on fullflow oil filter
- Separate oil scavenger pipe
- Closed circuit crankcase ventilation
- One top and one side oil filling position

Fuel system

- Flange mounted, cam driven in-line injection pump
- Feed pump with hand primer
- Spin-on type fine fuel filter
- Auxiliary stop button on engine

Dimensions D2-40/MS15A/130S

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More information

Contact your nearest Volvo Penta dealer for more information about Volvo Penta engines and optional equipment/accessories or go to www.volvopenta.com



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Exhaust system

Cooling system

Electrical system

thermostat

sion tank

peller

Freshwater cooled exhaust manifold and

Freshwater cooling system governed by

Tubular heat exchanger with integral expan-

Easily accessible sea water pump and im-

12V corrosion-protected electrical system

Charging regulator with electronic sensor

Extension cable harness with plug-in con-

Tachometer with alarms and engine hour

Fuel level

Voltage

Temperature

Glow plugs for excellent cold starting

nection available in various lengths

14V/115A marine alternator

Electric starter motor

EVC instruments

Start/stop panel

counter

Options:

Electrical stop function

Separate instruments for:

for voltage drop compensation

seawater cooled exhaust elbow



12.6

Download the Volvo Penta dealer locator App for your IPhone or Android

- · LCD display with multisensor
- NMEA interface presenting engine data on chart plotters

Choice of transmissions:

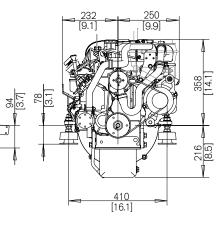
- Housing of gravity die-cast aluminum alloy
- Mechanical multiple-disc clutch shift
- Safety coupling with built-in overload protection

MS15A - reverse gear with 8° down angle

- output. Ratio 2.14:1/1.95:1 (RH/LH) and 2.63:1/1.95:1 (RH/LH).
- MS15L reverse gear with straight output. Ratio 2.14:1/1.95:1 (RH/LH) and 2.63:1/1.95:1 (RH/LH).
- S-drive 130S and 130SR for reverse installation of engine. Ratio 2.19:1.

Accessories

- Engine controls and steering systems
- Battery and battery switches
- Hot water systems
- Separate expansion tanks
- Cooling water seacocks, strainers and hoses
- Exhaust systems and hull fittings
- Fuel systems including filters, pipes etc.
- Propeller shaft systems and propellers
- Chemical products paints, oils, cleaners etc.



AB Volvo Penta

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Not all models, standard equipment and accessories are available in all countries. All specifications are subject to change without notice. The engine illustrated may not be entirely identical to production standard engines

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