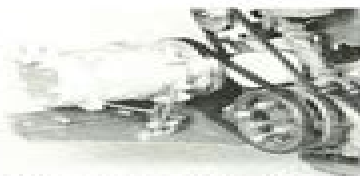


Volvo Penta 2002/2003 Work Boat Specification



Power take-off mounting at front of engine for connection of hydraulic pump, compressor, etc. Max. power take-off 8.5 hp at 3,200 r/min. (Engine shown with fitted cooling compressor.)



Freshwater cooling extends engine service life, reduces the risk of corrosion and also provides for a hot water outlet.



Instrument panel with tachometer and alarm display for oil pressure, coolant temperature, and charging.

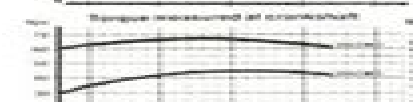
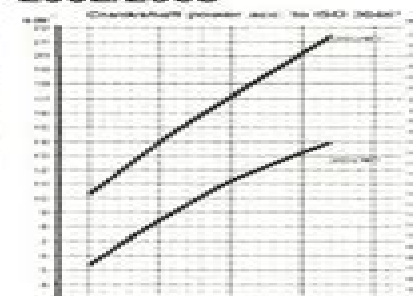
MD - Medium-duty

* Crankshaft ISO 3046 standard fuel stop power*. Usable power will be reduced by transmission or gear box losses.

** ISO 3046 specific fuel consumption referred to ISO standard fuel stop power.

Power, torque and fuel consumption ratings are based on run-in engine at ISO standard atmospheric conditions, 27° C, 100 kPa and 60% relative humidity. The same data apply to CEI-6071, ISO 501-4 and SAE J 1229. SAE J 1349 uses slightly different conditions, 25° C, 100 kPa, whereas 1 kPa vapour pressure but the difference is negligible in most cases.

2002/2003



Standard equipment 2002/2003

Engine block and cylinder head of cast iron. Piston ring carriers and dry cylinder liners. Heavy-duty engine mountings. 3-bearing crankshaft on 2002, 4-bearing crankshaft on 2003. Flywheel casing according to SAE5.

12 volt electrical system with 14 V/50 A alternator. Instrument panel with tachometer and alarm display. Extension cable 3 m. Starter motor 12 V. Manual starting arrangements incl. starting crank and decompression lever.

Thermostatically controlled raw-water cooling. Cylinder head corrosion protected by sacrificial zinc anode.

Pressure lubrication system with easily replaceable oil filter mounted on front of engine. Closed circuit crank case ventilation.

Front rubber mountings (rear mountings included in reverse gear add-on unit).

Extra equipment

Reverse gear PRM Delta, ratio 2.1:1 or 2.85:1. Add-on kit for Nico reverse gear with trolling valve. Universal front-mounting for e.g. hydraulic pump or bilge pump. Keel cooling fittings for engine. Freshwater cooling incl. expansion tank. Dry exhaust riser.

For more information, please get in touch with your Volvo Penta dealer.

2002



2003



All specifications are subject to change without notice.

**VOLVO
PENTA**

Volvo Penta 2003 Md Manual

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Volvo Penta 2003 Md Manual:

Cruising World ,2003-07 Diesel & Gas Turbine Catalog ,1989 Volvo Penta (Seloc) Seloc,2008 This manual covers the topics that a factory service manual designed for factory trained mechanics and a manufacturer owner s manual designed more by lawyers than boat owners these days covers It will take you through the basics of maintaining and repairing your motor step by step to help you understand what the factory trained mechanics already know by heart Page 1 2 *Boating* ,1985-07 VOLVO PENTA MD 5 Volvo Penta,2015-04-13 VOLVO PENTA MD 11C, C, MD 17C, D Volvo Penta,2014-03-01 *The Martindale-Hubbell Law Directory* ,2001 Commerce Business Daily ,1998-07 **Volvo Penta Service and Overhaul Manual** A. T. Burgess,1994 Service Manual, 2001, 2002, 2003 Volvo Penta (Firm),1984 VOLVO PENTA MD2010, MD2020, MD2030, MD2040 Volvo Penta,2014-03-02 **Volvo Penta Service & Overhaul Manual** Alan T. Burgess,1976 Volvo Penta MD2010, MD2020, MD2030, MD2040 N N,2012-05 Workshop Manual for Volvo Penta Marine Engines MD2010 MD2020 MD2030 MD2040 Volvo Penta Stern Drive Shop Manual 2001-2004 Penton Staff,2000-05-24 30GS 3 0L in line 4 cylinder 135 HP 43GL 4 3L V 6 160 HP 43GI 4 3L V 6 180 HP 43GXI 4 3L V 6 210 HP 50GL 5 0L V 8 220 HP 50GI 5 0L V 8 250 HP 50GXI 5 0L V 8 270 HP 57GS 5 7L V 8 225 HP 57GS 5 7L V 8 250 HP 57GSI 5 7L V 8 280 H *Volvo-Penta Stern Drives, 1992-93* Joan Coles,Clarence W. Coles,1998-03 SELOC Marine maintenance and repair manuals offer the most comprehensive authoritative information available for outboard inboard stern drive and diesel engines as well as personal watercraft SELOC has been the leading source of how to information for the marine industry since 1974 Designed and written to serve the needs of the professional mechanic do it yourself boat enthusiast instructor and student these manuals are based on actual teardowns done by Chilton Marine s editors authors in our on site facility Providing complete coverage on everything from basic maintenance to engine overhaul every manual features Simple to follow step by step illustrated procedures Hundreds of exploded drawings photographs and tables Troubleshooting sections accurate specifications and wiring diagrams Recognized and used by technical trade schools as well as the U S military Covers all Single SP and Duo Prop DP models powered by Volvo 4 cylinder engines Over 750 illustrations

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