

# VOLVO PENTA INBOARD DIESEL

# D9-500

368 kW (500 hp) crankshaft power acc. to ISO 8665, rating 5

## Excellent Performance and Pleasant Cruising

The D9 in-line 6 diesel is developed from the latest design in modern diesel technology. The engine has a robust block with ladder frame, high pressure unit injector system, 4 valves per cylinder, "twin entry" turbo and aftercooler. Together with a large swept volume and the electronic engine management system, this results in a very smooth running engine with world-class diesel performance, combined with low fuel consumption and emissions.

### World-class performance

The high pressure unit injector system, controlled by electronic management, modern engine technology in combination with a large swept volume, and twin entry turbo ensure high power, low fuel consumption, and outstanding torque during acceleration, with virtually no sign of smoke. This matched with the engine's high load carrying capability creates a sporty feeling and power, when needed.

### Comfort and high quality

The D9-500 is a further development of the well-proven Volvo Penta D12 in-line six concept with robust block design, rear-end transmission, ladder frame and a one-piece cylinder head with overhead camshaft and 4-valve technology. This contributes to smooth running, high reliability and long-term durability.

The D9-500 is built in the world's most highly automated diesel engine factory line with a robotic machining line with computer controlled audit checks, which ensures the highest quality level.

### EVC/EC - Plug and go

EVC Electronic Vessel Control is the latest development in engine control and instrumentation for Volvo Penta marine engines. It offers a higher level of integration in your boat: electronic shift and throttle for smooth and safe control, a complete range of easy to read data link gauges, an EVC System Display (option) and much more, everything in just one CAN cable.



EVC makes boating easier and safer, offering twin engine synchronization and new software functions such as Volvo Penta Low Speed (option), which significantly reduces boat speed at idle to simplify maneuvering in tight quarters.

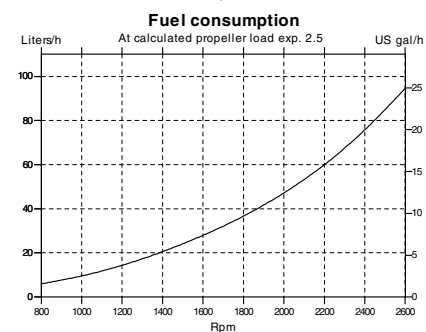
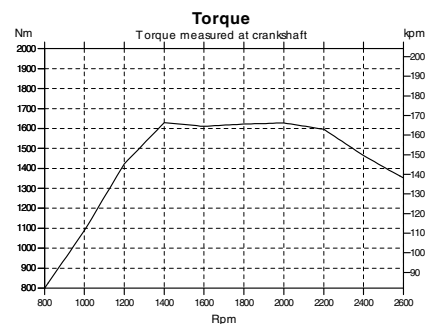
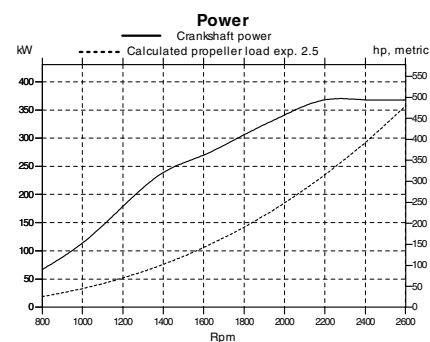
EVC is scalable from one station up to four, from a classic dashboard up to an advanced driver information system. EVC works closely together with the engine management system offering you constant power output regardless of fuel temperature (5– 55°C / 41– 131°F) and quality. The system is built on the latest automotive technology with waterproof connectors, so it's just plug and go.

### Ease of service and maintenance

The EVC system features a self-diagnostic facility, which indicates at the dashboard if a failure should occur. The engine has a compact and clean design, and with all fluid filters symmetrically positioned at the rear end, the engine is easy to service and maintain.

### Meeting new emission standards

The high pressure unit injector system in combination with electronics and an advanced combustion system are setting new standards in minimizing noxious emissions and particulates. The engine complies with IMO NOx limits and the comprehensive emission requirements EU RCD and US EPA Tier 2.



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