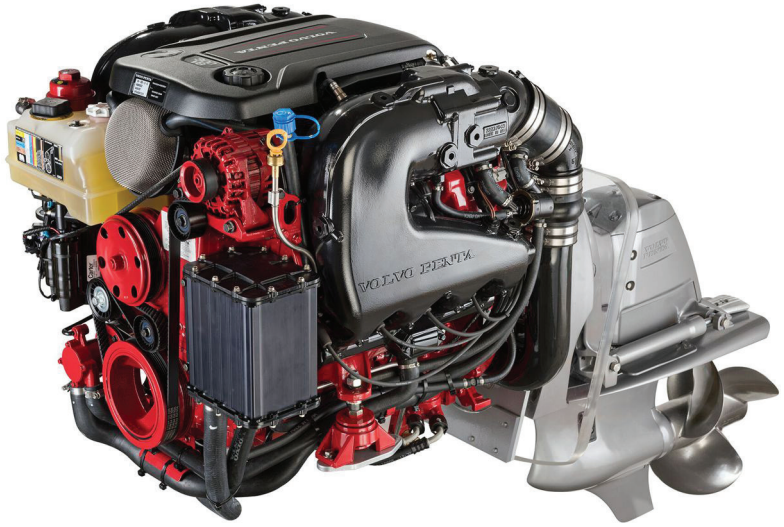
V8-300/350-CE

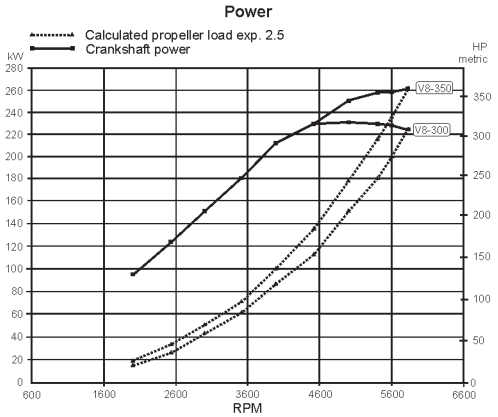
NEW!

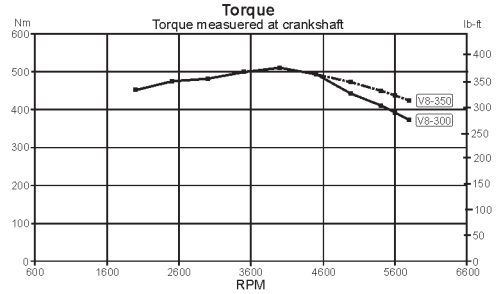


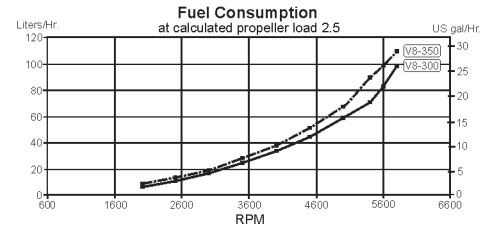
Technical Data

Engine designation	V8-300-CE	V8-350-CE
Power, kW (hp)	224 (300)	261 (350)
Engine speed, rpm	5800	5800
Displacement, l (in^3)	5.3 (323)	5.3 (323)
Number of cylinders	V8	V8
Bore/stroke, mm (in.)	99.6/92.0 (3.92/3.62)	99.6/92.0 (3.92/3.62)
Compression ratio	11.0:1	11.0:1
Fuel system	Spark Ignited Direct Injection	Spark Ignited Direct Injection
Volvo Penta Aquamatic drive	SX	1)
Ratio	1.51:1, 1.60:1, 1.66:1	
Volvo Penta Duoprop drive	DPS, DPS OX	DPS, DPS OX
Ratio	1.95:1, 2.14:1, 2.32:1	1.95:1, 2.14:1, 2.32:1
Volvo Penta Forward Drive	FWD	FWD
	1.95:1, 2.14:1, 2.32:1	1.95:1, 2.14:1, 2.32:1
Dry weight with DP, incl. prop. & PS, kg (lb)	452 (996)	452 (996)
Rating	5 2)	5 2)
The engine complies with	US EPA, CARB, EU RCD	US EPA, CARB, EU RCD

1. Not available
2. RATING 5, for pleasure craft applications







See note, page 2

VOLVO PENTA

V8-300/350-CE

Technical description:

Engine block and head
- Aluminum, deep skirt cylinder block with six bolt, powdered metal main caps for extra strength
- Hydraulic cam phaser for variable camshaft timing optimizes low end torque and high-end horse power

Lubrication system
- Pressure lubrication system with heavy duty engine oil cooler and remote oil filter
- Paper oil filter element reduces environmental impact of engine service
- Cast aluminum structural oil pan

Fuel system
- Spark Ignited Direct Injection system with stainless steel returnless fuel rail and high-pressure mechanical fuel pump
- High pressure direct injection facilitates a higher compression ratio and improved combustion
- Vapor separating fuel pump system with two electric pumps, pressure regulator, and water separating fuel filter

Intake and exhaust system
- Low weight aluminum exhaust system
- Three inch riser option is a direct replacement for the standard height elbow
- Exhaust passages optimized for torque and power
- Collector (elbow) design maximizes use of the catalyst for reduced back pressure

Cooling system
- Freshwater (closed) cooling system for engine and engine oil cooler
- Advanced Volvo VCS (yellow) coolant for superior corrosion and thermal protection

Ignition system
- Iridium tipped, side electrode spark plugs for reliability and extended service life
- Coil near plug ignition system

Electronic engine control
- Electronic Control Module (ECM) ensures constant, optimum performance, greater fuel efficiency and reduced emissions
- 4G ECM supports full diagnostics through connection on engine harness
- Closed loop system with pre- and post catalyst oxygen sensors helps control fuel delivery and reduce emissions

Electrical system
- 12V corrosion-protected electrical system
- 75A marine alternator with internal transistorized voltage regulator
- Re-settable circuit breaker for trim system
- Fuse protection of the electric fuel pumps and the fuel injection system

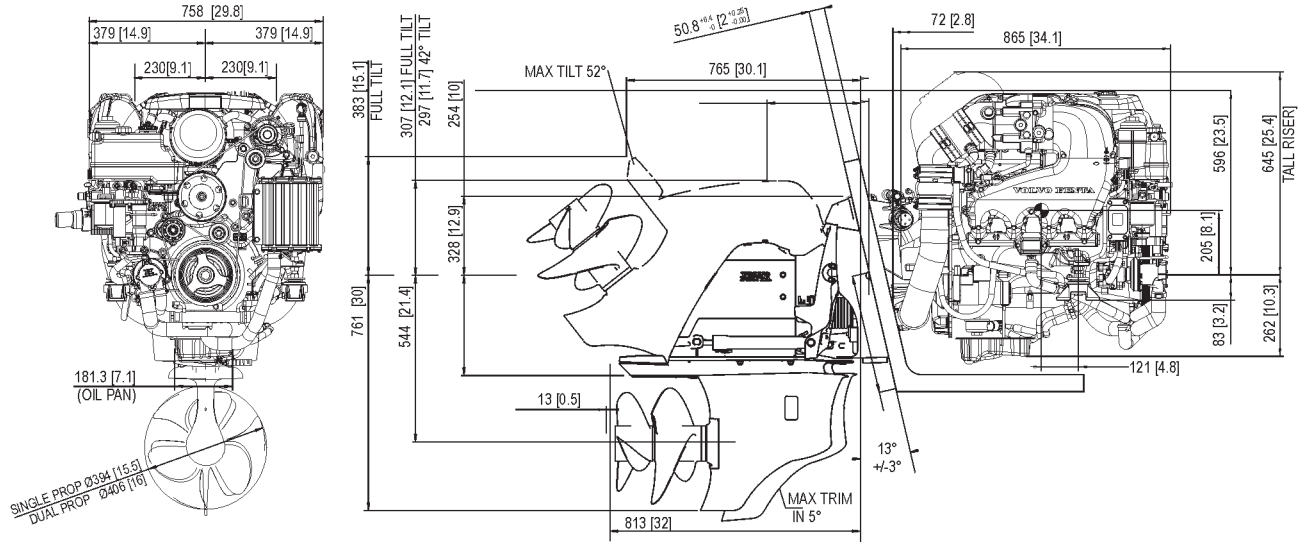
Electronic Vessel Control
- Electronic shift and throttle
- Complete instrumentation including e-key switch and interlocked alarm
- Digital Power Trim instrument with analog or digital reading
- EVC monitoring panels for single or twin installations

Drive
- Cone clutch for smoother shifting
- Pattern-matched spiral bevel gears
- Exhaust through propeller hub, cavitation plate
- Break-away coupling between vertical shafts
- Standard tilt specification 52° (42° and 32° available as option on engine order)
- The drive can be turned 28° in each direction
- Built-in kick-up function to reduce damage, in the event the drive strikes an underwater object
- Easy access drive and transom shield anodes

Power trim
- High capacity trim pump integrated with transom shield to ease installation and save space in engine compartment

Dimensions V8-300/DPS

Not for installation



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

IOS

Android

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

Note: Power and fuel consumption measurements according to ISO 8665. Fuel octane of 90 RON (87 AKI) with 0% ethanol and density of 742g/liter, air temperature at 25°C (77°F), humidity of 30% and barometric pressure at 100 kPa (14.5 PSI). Operation at different conditions will influence engine power output and fuel consumption.

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.

VOLVO PENTA

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

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