



AQ 200D / 280

V-8, 4-stroke carburetor engine with model 280B outboard drive

STANDARD EQUIPMENT

ENGINE BODY – Cylinder block and heads made of special cast iron. Light-alloy pistons with 2 compression rings and one oil scraper ring. Crankshaft journalled in 5 bearings. Overhead valves with hydraulic valve lifters and self-rotating exhaust valves.

FUEL SYSTEM – Two-barrel carburetor with automatic choke. Fuel pump (8) driven from camshaft. Fuel filter (7).

COOLING SYSTEM – Thermostat-controlled seawater cooling system. Sea-water pump (3) with neoprene rubber impeller and circulation pump for effective cooling.

LUBRICATING SYSTEM – Pressure-lubricating system with full-flow lubricating oil filter of the spin-on type (12). Sealed crankcase ventilation.

INTAKE SYSTEM – Flame arrester of U.S.C.G. approved type.

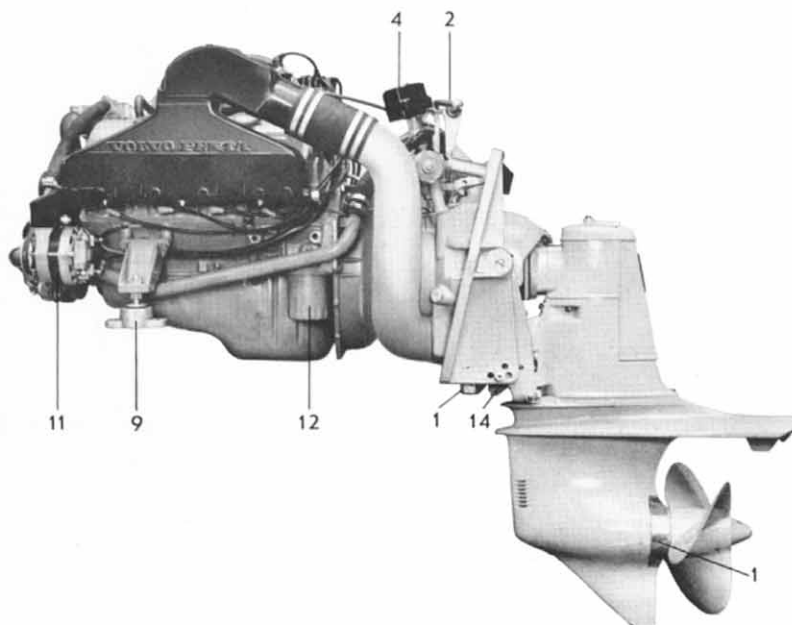
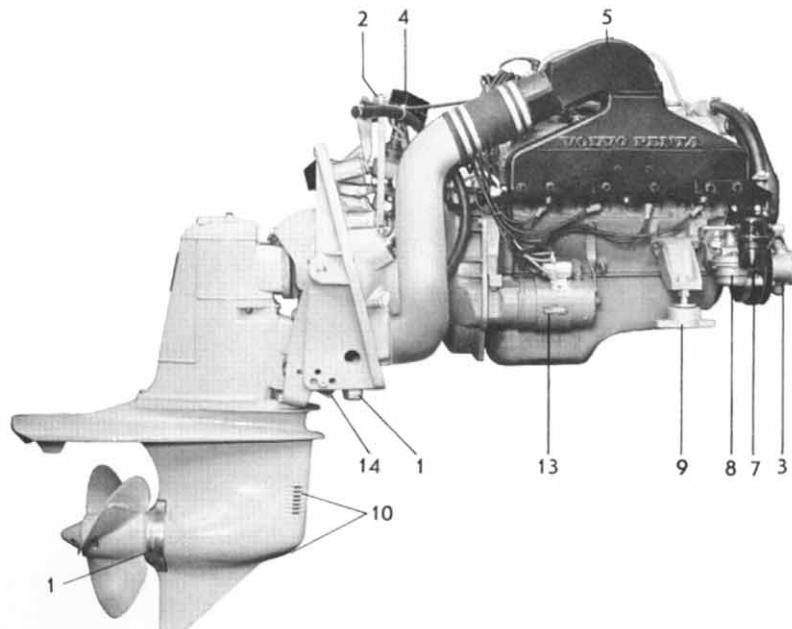
EXHAUST SYSTEM – Sea-water cooled exhaust manifolds made of cast iron with high risers (5). Complete exhaust line for connection to the outboard drive.

ELECTRICAL SYSTEM – Corrosionsproof 12 V electrical system. Pre-wired eleven way standard plug fastened to the engine. Operating switch and control light for power lift complete with 7 m (23 ft) cable harness with plug-in contact. Automatic fuse of the reset type. UL-listed alternator with built-on transistorized regulator, 35 A, 450 W (11). Starter motor output 960 W (1.3 h.p.) (13).

FRONT ENGINE MOUNTING – Adjustable front rubber mounting (9).

OUTBOARD DRIVE – Complete with mounting collar, rubber-suspended flywheel housing and installation parts. All gears are of the helical cut bevel type, designed for continuous operation in either direction of rotation. Cone clutch (patented) of Silent Shift type provides reliable operation and quiet engagement with small manoeuvring forces. The drive can be tilted up 60°. The shift mechanism has an easily adjustable link rod for altering the propeller direction of rotation from left-hand to right-hand.

Attachment for steering cable and steering arm with reduction mounted on the collar (2). Two self sacrificing zinc anodes protects the outboard drive against corrosion (1). Cooling water intake at front and bottom of drive for cooling water supply to engine (10).



Reversing pawl (14) of patented design permits the drive to kick up when striking underwater objects. Yet holding the drive in downward position when going in reverse or pulling back the throttle rapidly in forward motion.

Electro-mechanical power tilt (4) with completely plastic embedded electrical system.

EXTRA EQUIPMENT

FUEL SYSTEM

Water-separating filter with or without flexible hoses.
Fuel line kit with copper piping and installation parts.
Electrical operated fuel pump.

ELECTRICAL SYSTEM AND INSTRUMENT



Instrument panel, which is extra equipment, is provided with key switch, rev counter, temperature gauge, oil pressure gauge, Voltmeter and switch for instrument lighting.

Electric-hourmeter
Master switch
Cable harness extension
Tool kit

OUTBOARD DRIVE

Extensions for outboard drive

BOAT ACCESSORIES

Electrically operated bilge pump
Original paint
Oils
Electro-mechanical trim tabs

Safety switch
Control cables
Steering gears
Steering wheel
Steering cables
Ball joint for steering cable
Tie-bar kit for twin installation
Clamp block for steering cable.
Support tube for steering cable.
Bracket for steering cable compl.
Hydraulic steering system.
Dual station control unit

AQUAMATIC PROPELLERS

CONTROLS AND CONTROL SYSTEM

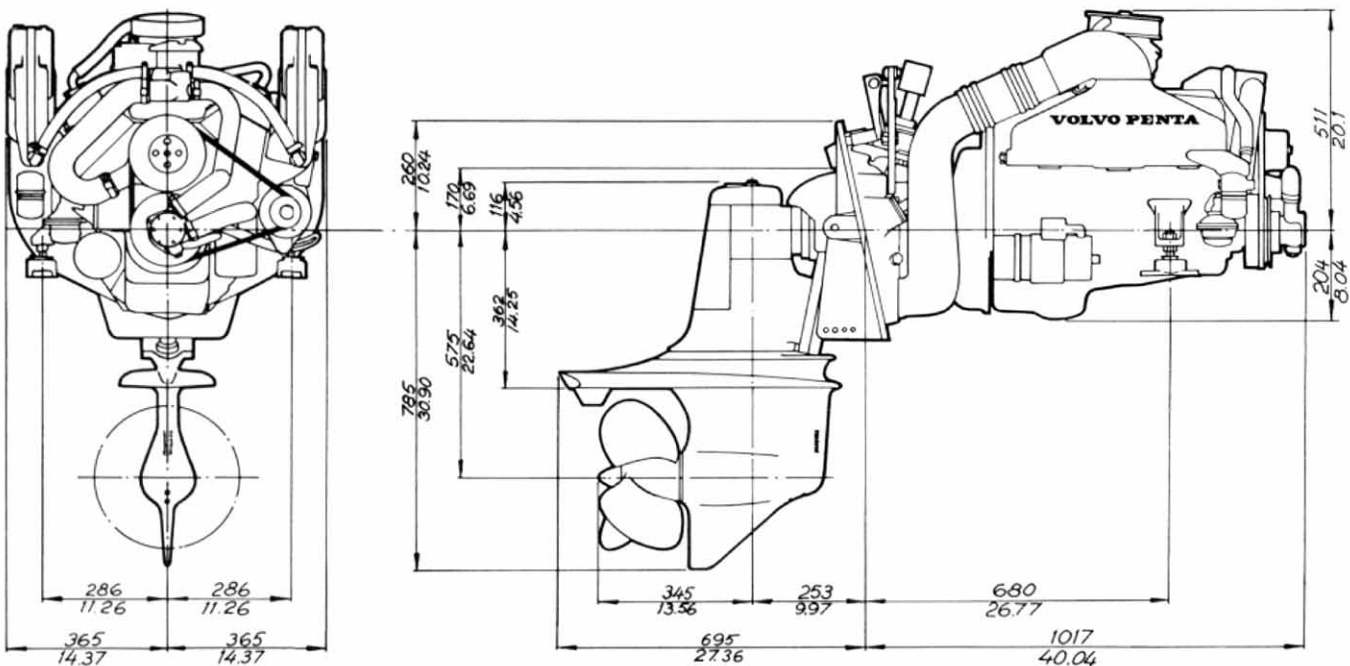
VP single-control lever for both speed and forward-reverse operation, top-mounted or side-mounted. Single or twin installation.

DATA

Type of operation4-stroke carburetor engine with hydraulic overhead valves
Designation AQ200D/280B
Max. output¹⁾ 200 hp (147 kW)
Recommended full throttle rpm (rps) 4000–4400 (66.7–73.3)
Number of cylinders V8
Capacity 4.998 dm³ (305 in³)
Bore/Stroke 95/88.4 mm (3.74/3.48 in)
Compression ratio 8.5:1
Carburetor One 2-barrel with electrical aut. choke
Fuel quality Non leaded or leaded fuel min. 91 octane
Outboard drive, type design. and red. 280B/1.61:1
Total weight, approx. 405 kg (893 lb)

1)Max. flywheel output acc. to DIN 6270 Leistung B and SRE J245.

DIMENSION DRAWING



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We reserve the right to carry out modifications