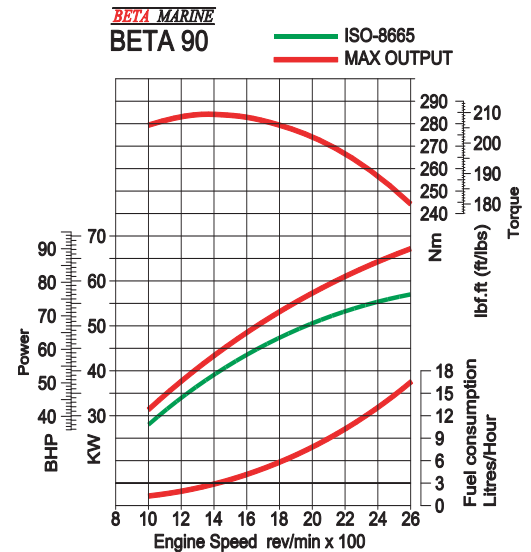
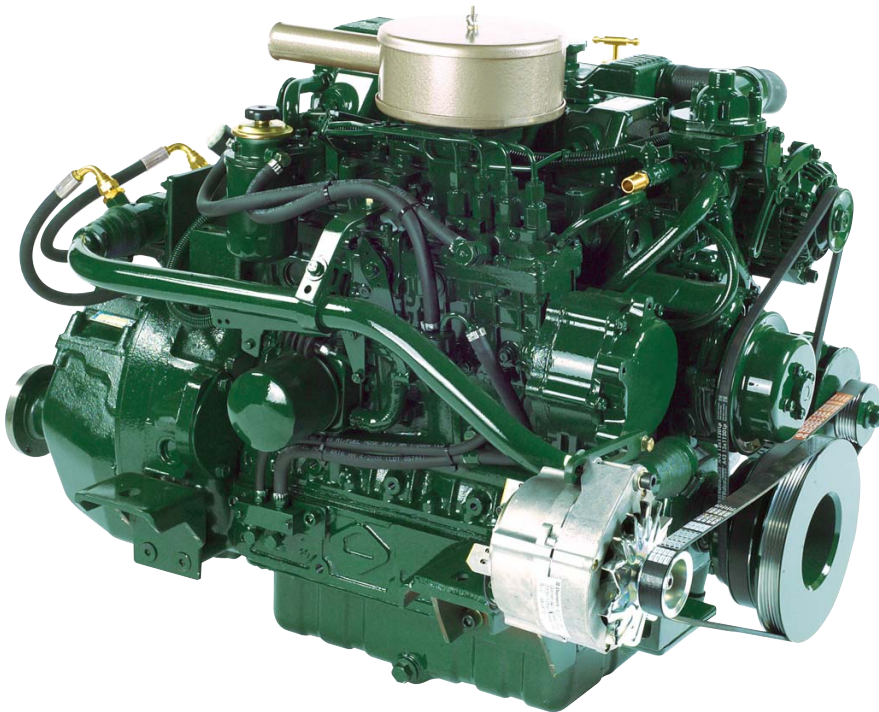


# Beta 90

4 Cylinders - 3769 cc's - 90bhp @ 2,600rpm – Weight 425kg



Fuel Consumption based on theoretical propeller loading - matched at full speed

## Standard Specification

**Beta Marine - Beta 90** - 4 cylinder, naturally aspirated, diesel propulsion engine developing 90 bhp at 2,600 rpm with a swept volume of 3769 cc (Recreational Craft Directive emission compliant). The engine is supplied complete with keel cooled header tank and water cooled exhaust manifold, 2" bsp male dry exhaust outlet, fresh water pump, fuel filter with hand primer, loose fuel/water separator, mechanical fuel lift pump, lubricating oil filter and sump pump, special quiet air intake filter, high inertia flywheel, 12v starter motor, 65 amp charging alternator for engine starting battery and a second 175 amp domestic battery charging alternator with large diameter polyvee drive pulleys and belt, fully wired with warning light in panel, relay on engine and battery connection terminals, shutdown solenoid, calorifier connections, control panel type "AB" (with tachometer and hour recorder, keystart switch and pushbutton stop, green light for "power on", red warning lights and alarm buzzer for low oil pressure, high water temperature and no charge on each alternator) with 3m interconnection cable with multi pin plug and sockets. PRM gearbox with nominal 2:1 reduction, heavy duty engine rails and flexible mountings, morse type end fittings for speed and gear control, engine test certificate, operators manual. Green paint and packed on a skid base with a 3 year "Self Service" warranty.

- Reliable keel cooled, naturally aspirated, direct injection diesel engine, based upon Kubota's highly advanced technology.
- Multi cylinder with high inertia flywheel for smooth running.
- E-CDIS combustion for quiet running, low emissions and excellent fuel consumption.
- Quiet gear driven camshaft for engine reliability and easy servicing – no timing chains or tooth belts to replace.
- PRM gearbox as standard with output rotation clockwise in ahead, viewed from gearbox end.

## Options

- Deluxe "C" Control panel
- 'Hospital' Exhaust silencer (high attenuation -35 dBA)
- Beta "Super Silence" acoustic housings.
- Travel Power 3.5 kVA or 5 kVA – 230 Volt.
- Hydraulic bow thrusters
- See price list for a comprehensive range of accessories to cover a complete engine installation.

## Standard Control Panel - AB



Detailed engine drawings, brochures and manuals available under "Downloads"

**BETA MARINE**

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