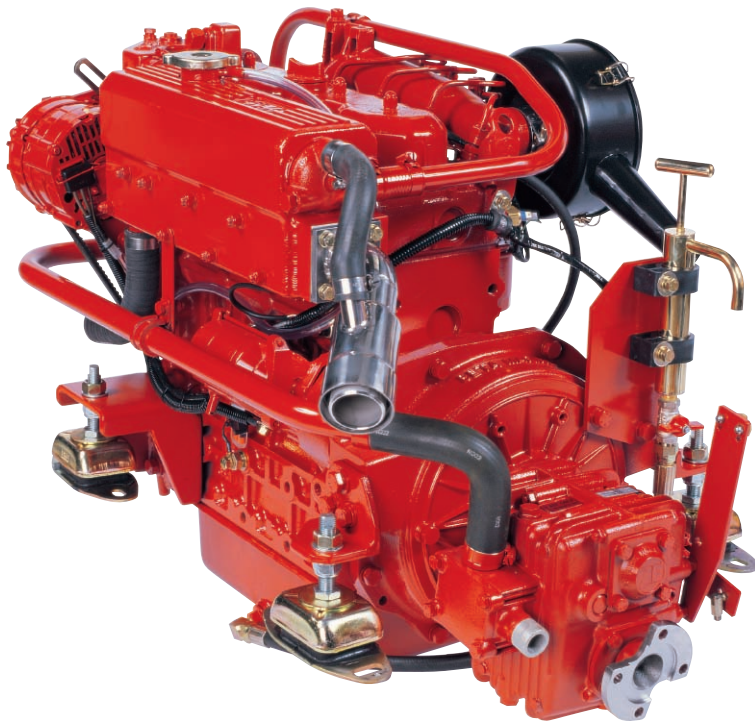
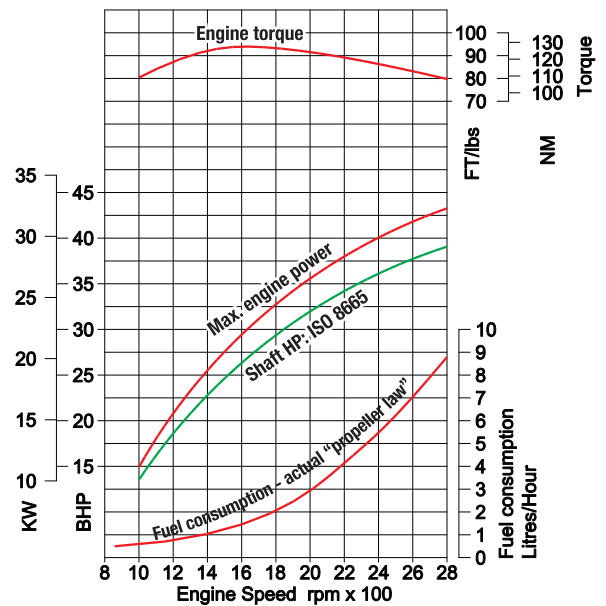


# BV1903 - 43 bhp



MODEL BV1903

ISO-3064 8665



FUEL CONSUMPTION BASED ON PROPELLER BEING MATCHED AT FULL SPEED.

## 4 Cylinders - 1857 cc's - 43bhp @ 2800rpm - 243kg with ZF - 267kg with PRM260

### Standard Specifications

Beta Marine BV1903 - 4 cylinder, naturally aspirated, diesel propulsion engine developing 43 bhp at 2,800 rpm with a swept volume of 1,857 cc's. The engine is supplied complete with a heat exchanger and header tank, water cooled exhaust manifold, fresh and sea water pumps, cast injection bend, mechanical fuel lift pump, fuel and oil filters, heavy duty bearers, sump pump, flywheel with heavy inertia ring for super smooth running at low rpm, flywheel housing, special quiet air intake filter, 12 volt starter, 65 amp battery charging alternator, shutdown solenoid energised to stop, control panel "ABV" (with tachometer/hour recorder, keystart switch and pushbutton stop, warning lights and alarm buzzer for low oil pressure, high water temperature, no charge, and power on); a 3m interconnection cable with multi pin plug and sockets to engine harness. Gearbox with nominal 2:1 reduction, heavy duty engine feet with flexible mountings, "Morse" type end fittings for speed and gear control, engine test certificate, operators manual. Red paint and packed on skid base with a 3 year "Self Service" warranty.

- Reliable heat exchanger cooled, naturally aspirated, indirect injection diesel engine, based upon Kubota's highly advanced technology.
- Combined heat exchanger and water cooled exhaust manifold for reliability with cupro-nickel tube stack, phosphor bronze end caps and sacrificial anode.
- Cast iron cylinder head and block with a gear driven camshaft and sea water pump.
- Three vortex combustion system for quiet running, low emissions and excellent fuel consumption.
- Emission compliant in all countries.
- Installation angles up to 15° maximum when static, and 25° when heeling.
- ZF or PRM gearboxes with in-line, "down angle", or Vee-drive solutions. Output rotation is clockwise in ahead viewed from gearbox end.
- Heavy duty power take off to drive auxiliary equipment.

### Options

Special engine feet to suit your installation requirements.  
 Keel cooling.  
 Shallow sump.  
 12 Volt - 100 Amp, or second 150A alternators available.  
 Control Panels ABVW, B or C with gauges and alarms.  
 See price list for a comprehensive range of accessories to cover a complete engine installation.

### Standard ABV Panel



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