

Mid Engine Range - Specifications

6 cylinders with high inertia flywheel for smooth running at low rpm.

HEAT EXCHANGER COOLED, the Beta 150 is naturally aspirated and especially suitable for commercial vessels up to 24m in length as it develops exceptionally high torque of 440Nm at 1400 rpm.

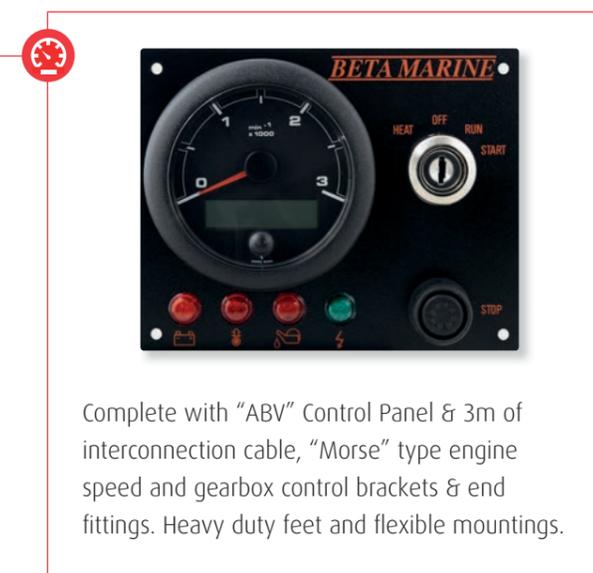
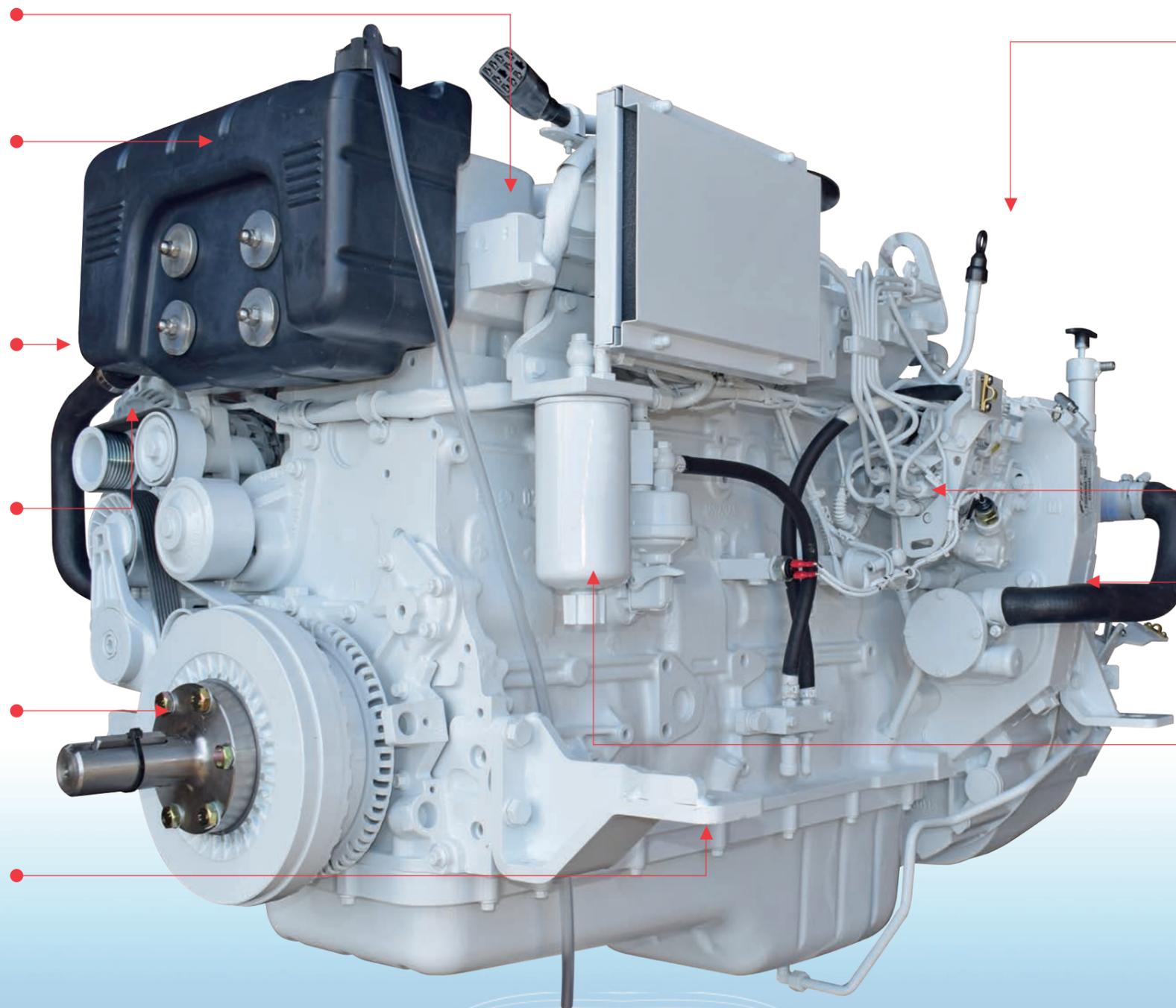
Subject to criteria, Iveco based engines accommodate installation angles up to 15° maximum when static and 25° when heeling.

90 amp battery charging alternator giving full power at cruising speed with 12 volt electric starting as standard.

OPTIONAL OR ADDITIONAL ALTERNATORS & polyvee belt/pulley drive transmission are available.

QUIET GEAR DRIVEN CAMSHAFT for maximum engine reliability and reduced servicing, as no timing chains or toothed belts have to be replaced.

Optional special feet service, to ease planning and installation Beta Marine offer 3D computer aided modeling for the design & the manufacture of bespoke feet to allow direct installation on to your vessels existing engine bearers.

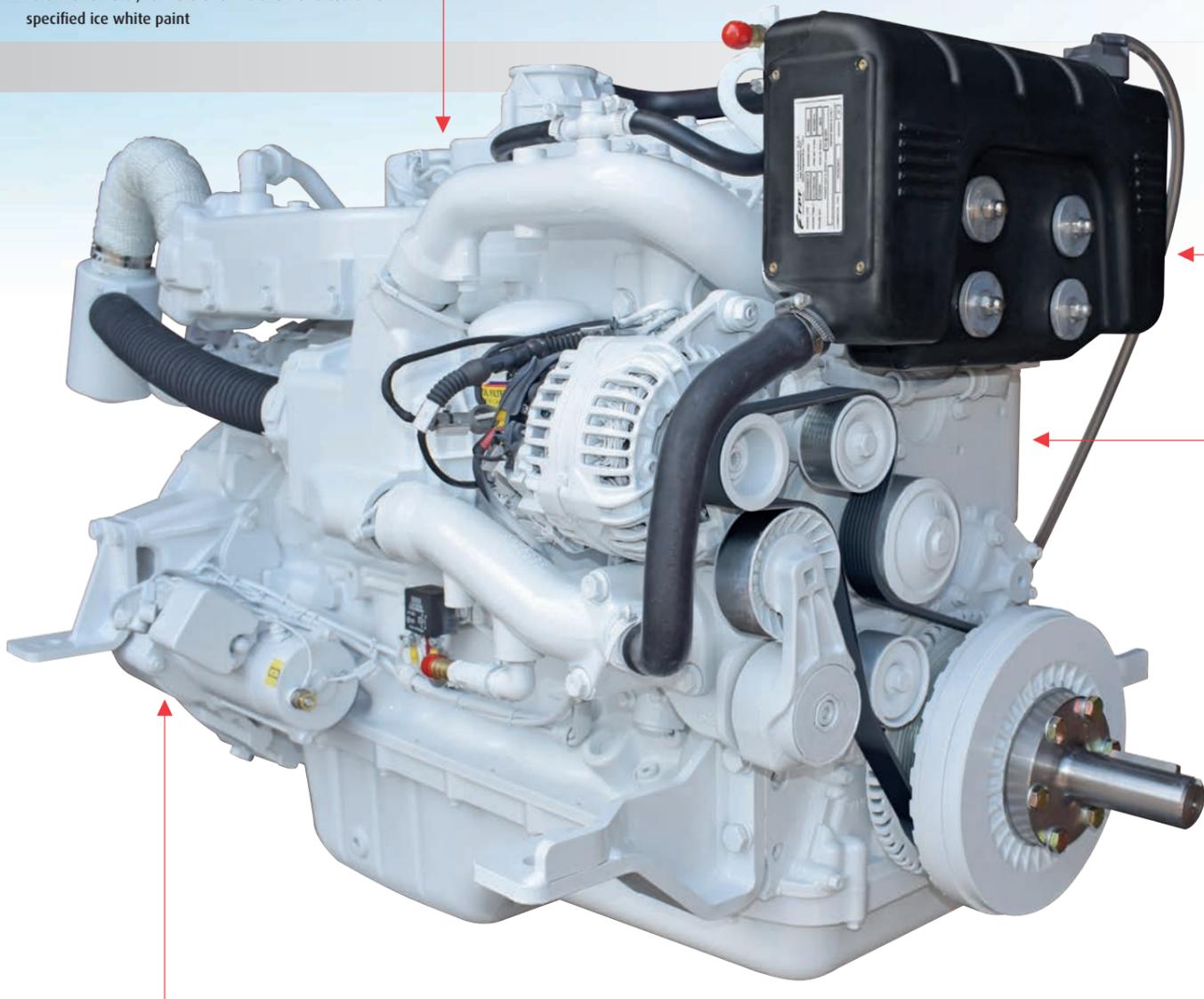


Complete with "ABV" Control Panel & 3m of interconnection cable, "Morse" type engine speed and gearbox control brackets & end fittings. Heavy duty feet and flexible mountings.

- Direct mechanical fuel injection.
- Hydraulic in-line or down angle gearbox options. Output rotation is clockwise in ahead, viewed from the gearbox end.
- Fuel filter, **MECHANICAL** fuel lift pump, **MECHANICAL** fuel injection pump and **MECHANICAL** engine governing ensures steadfast performance regardless of ambient conditions.

Beta 150

Engine shown with optional 24v 70 Amp insulated return alternator, forward end PTO shaft and customer specified ice white paint



Control Panel Options

ABV Panel	Std.
ABVW Panel	Opt.
B Panel	Opt.
BW Panel	Opt.
C Deluxe Panel	Opt.

CW Deluxe Panel	Opt.
D Digital Panel	Opt.
Flybridge Control - Additional	
C Panel & 6m Connection Cable	Opt.

Electrical Options

90 Amp, 12 Volt Alternator	Std.
120 Amp, 12 Volt Alternator in Lieu of Standard	Opt.
175 Amp, 12 Volt Alternator in Lieu of Standard	Opt.
70 Amp, 12 Volt Insulated Return Alternator	Opt.
100 Amp, 12 Volt Insulated Return Alternator	Opt.

175 Amp, 12 Volt Secondary Domestic Alternator	Opt.
24 Volt Electric Start and 55 Amp Alternator	Opt.
80 Amp, 24 Volt Secondary Domestic Alternator	Opt.
60 Amp, 24 Volt Secondary Domestic Insulated Return Alternator	Opt.

Gearbox Options

Bobtail - No Gearbox	
"Bobtail" Engine with Drive Plate and Housing Only	Std.

Technodrive / Twin Disc	
TM170 - Hydraulic	Opt.
TMC880 - 7° Down Angle, Hydraulic	Opt.
TMC265 - Hydraulic	Opt.
TMC265 - 7° Down Angle, Hydraulic	Opt.

PRM Marine	
PRM500 - Hydraulic	Std.
PRM750A - 7° Down Angle, Hydraulic	Opt.
PRM1000 - Hydraulic	Opt.

ZF	
ZF45 - Hydraulic	Std.
ZF45A - 8° Down Angle, Hydraulic	Std.

Cooling Options

Heat Exchanger Cooled	Std.
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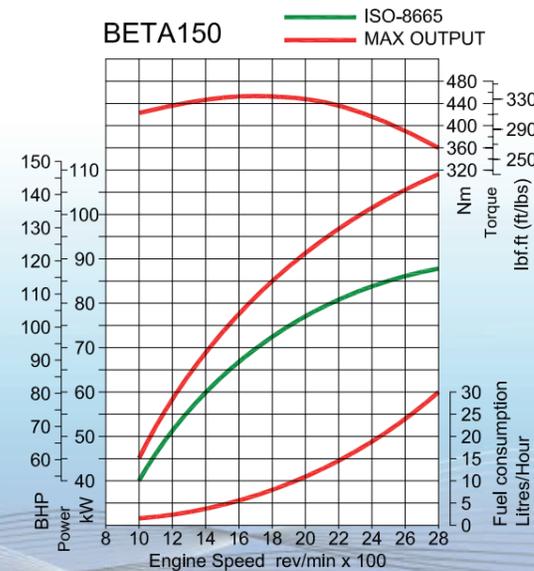
Keel Cooled	Opt.
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The Beta 150 is not RCD2 compliant and is for use by and only to be sold to Non-Recreational Craft up to 24m in length.

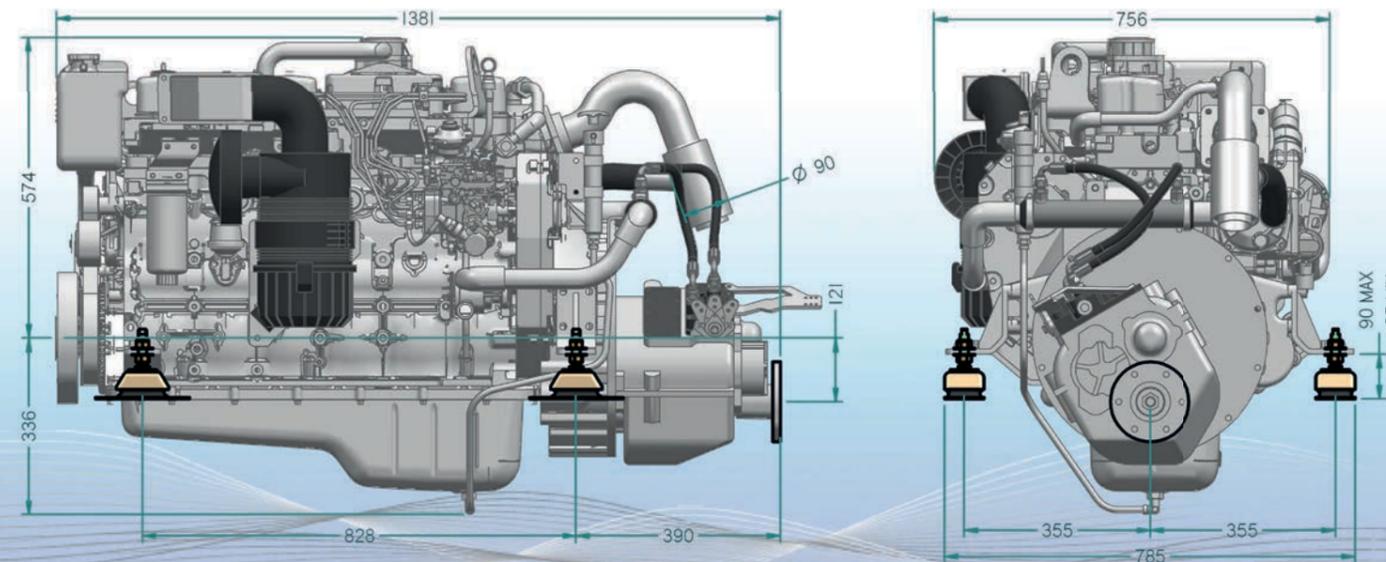
Iveco Base Engine

Cylinders	6
Displacement	6700cc
Power	147hp max @ 2,800rpm
Weight	680Kg
Propeller	AIA*

A general guidance for propeller size in inches, based upon 3 blade RH rotation and reduction ratio of 2:1. *For accurate individual advice please provide us with your vessels current full specifications



Based on theoretical propeller loading - matched at full speed



These are typical dimensions: visit our website for all engine / gearbox option drawings or contact Beta Marine direct