

Seagoing

Engine Data Sheet - Beta 38

### **Small Engine Range - Specifications**

2, 3 or 4 cylinders with high inertia flywheel for smooth running at low rpm.

Heater plugs for cold starting below 5°C, fuel filter, **MECHANICAL** fuel lift pump, **MECHANICAL** fuel injection

pump and **MECHANICAL** engine governing ensures

steadfast performance regardless of ambient conditions.

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

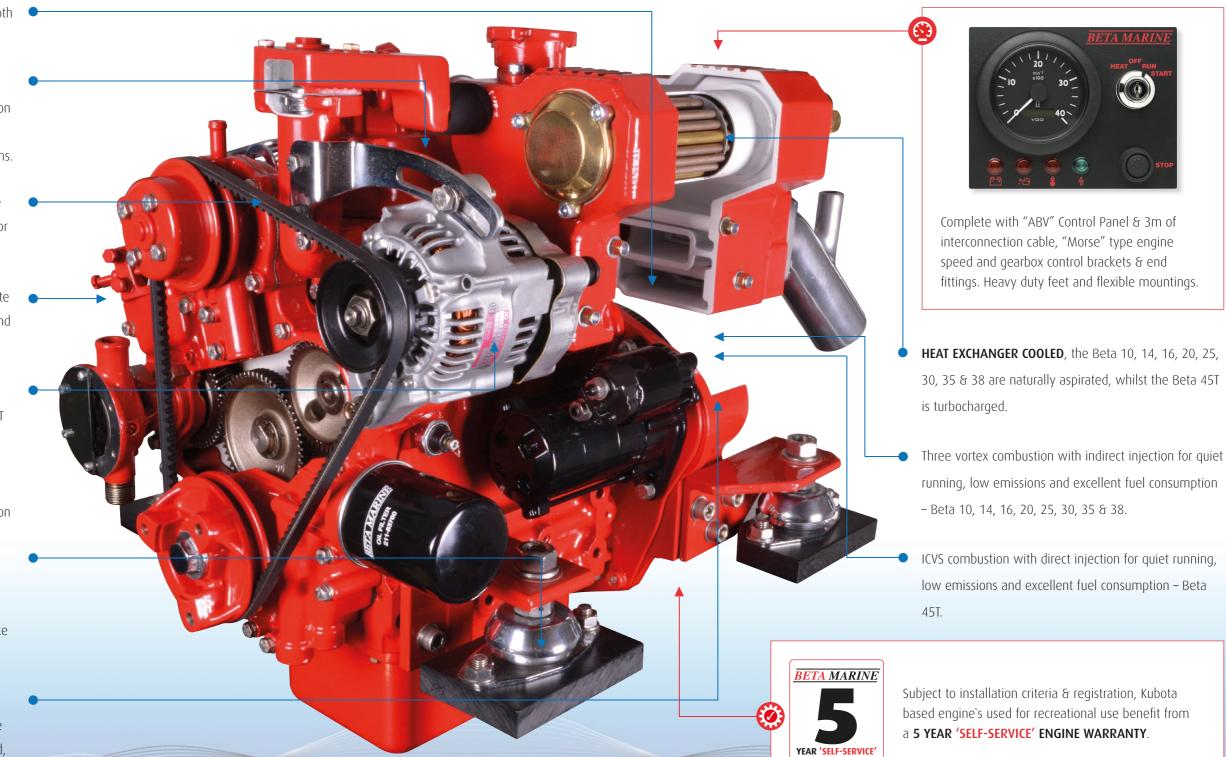
Subject to criteria, Kubota based engines accommodate installation angles up to 15° maximum when static and 25° when heeling.

The Beta 10, 14, 16, 20 & 25 are equipped with a standard 40 Amp alternator, the Beta 30, 35, 38 & 45T are equipped with a standard 70 Amp alternator all are driven by a polyvee belt/pulley and achieve full power at cruising speed. **OPTIONAL OR ADDITIONAL ALTERNATORS** & polyvee belt/pulley drive transmission are available.

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.

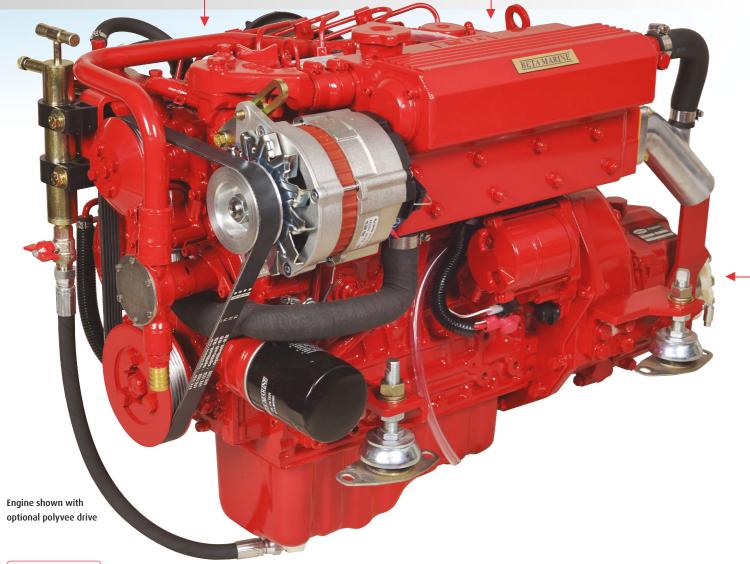
Mechanical & hydraulic, in-line, down angle or V drive gearbox options. Output rotation is clockwise in ahead, viewed from the gearbox end.

Cutaway Images Are For Illustration
Purposes & Not Necessarily Representative



**ENGINE WARRANTY** 

# Beta 38



#### **Control Panel Options**

A Panel	Opt
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**

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

120 Amp, 12 Volt Secondary Domestic Alternator	Opt.
125 Amp, 12 Volt Split Charging System	Opt.
3.5 kVA Travel Power - 230 Volt, Single Phase 50Hz	Opt.

#### **Gearbox Options**

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

Technodrive / Twin Disc	
TMC60 - Mechanical	Std.
TMC60A - 7° Down Angle, Mechanical	Std.

PRM Marine		
PRM125 - Mechanical	Std.	
PRM150 - Hydraulic	Std.	
PRM280 - Hydraulic	Opt.	
PRM260C - In-line Hydraulic	Opt.	
ZF		
ZF15MIV - 15° V Drive, Mechanical	Std.	

# YEAR 'SELF-SERVICE' ENGINE WARRANTY

Recreational use only

## **Kubota Base Engine**

Cylinders	4

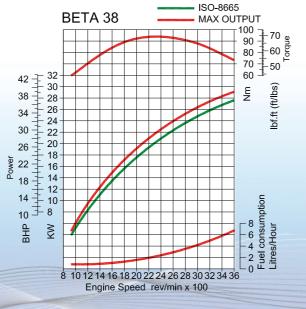
Displacement 1498cc

Power 38hp max @ 3,600rpm

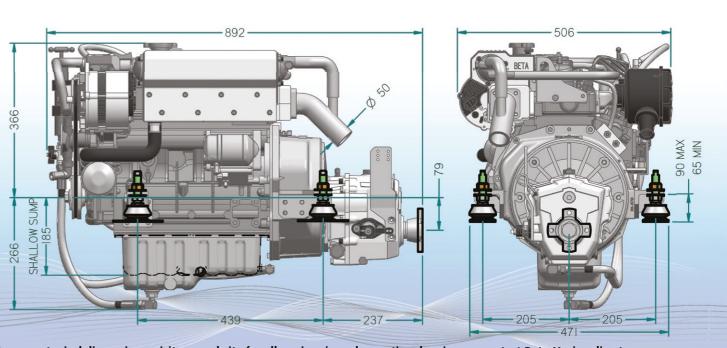
Weight 168Kg

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