

Engine Data Sheet - Beta 20

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.

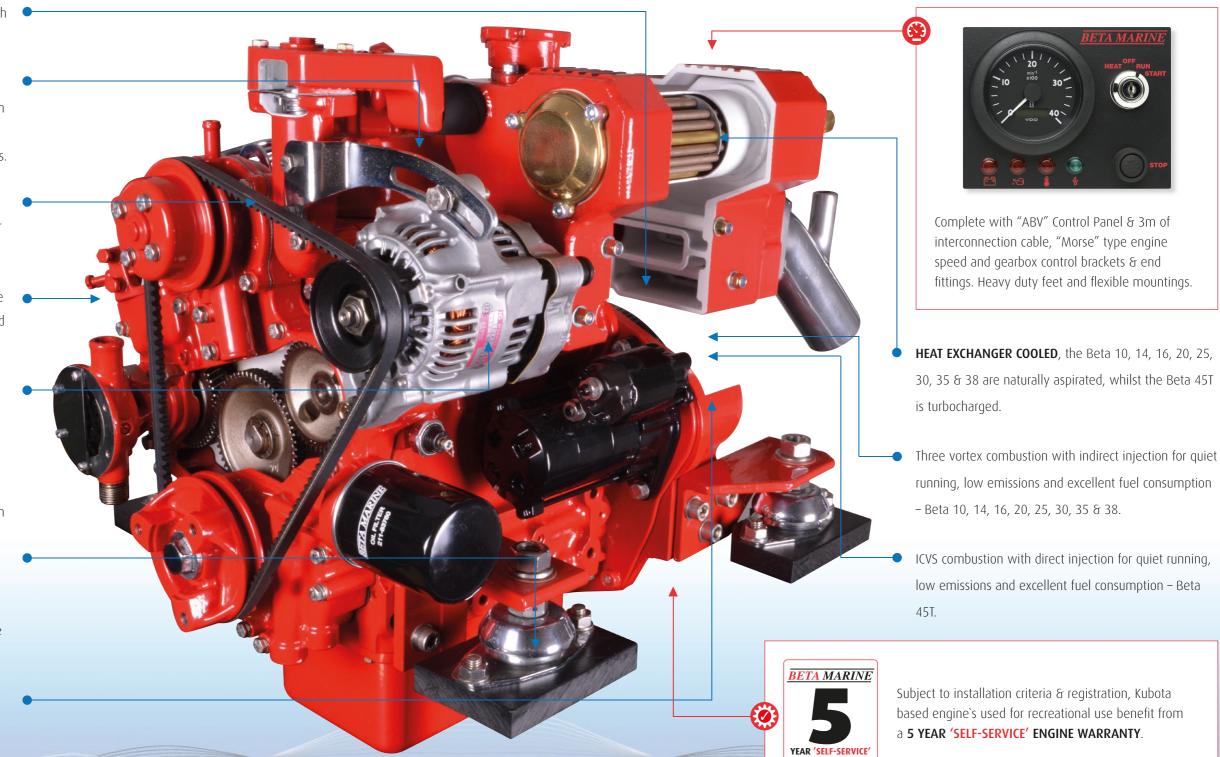
Subject to criteria, Kubota based engines accommodate installation angles up to 15° maximum when static and 25° when heeling.

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



running, low emissions and excellent fuel consumption

ENGINE WARRANTY

Beta 20



Control Panel Options

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	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

40 Amp, 12 Volt Alternator	Std.
75 Amp, 12 Volt Alternator in Lieu of Standard	Opt.
120 Amp, 12 Volt Alternator in Lieu of Standard	Opt.

55 Amp, 12 Volt Insulated Return Alternator	Opt.
125 Amp, 12 Volt Split Charging System	Opt.

Gearbox Options

Bobtail - No Gearbox	
"Bobtail" Engine with Drive Plate and Housing Only	Std
Tashaadsiya / Turia Disa	

Technodrive / Twin Disc	
TMC40 - Mechanical	Std.
TMC60 - Mechanical	Opt.
TMC60A - 7° Down Angle, Mechanical	Std.

PRM Marine	
PRM90 - Mechanical	Std.
PRM150 - Hydraulic	Std.
ZF	
ZF15MIV - 15° V Drive, Mechanical	Std.
ZF15MIV - 15° V Drive, Mechanical	Std.

YEAR 'SELF-SERVICE' ENGINE WARRANTY

Recreational use only

Kubota Base Engine

& Cylinders 3

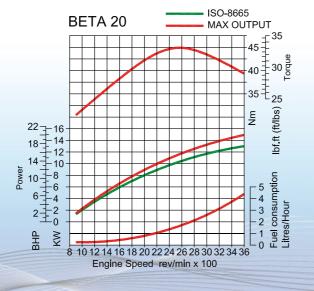
Displacement 719cc

Power 20hp max @ 3,600rpm

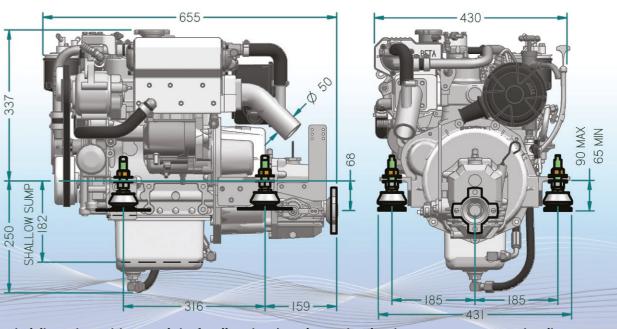
Weight 104Kg

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