

## Saildrive 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.

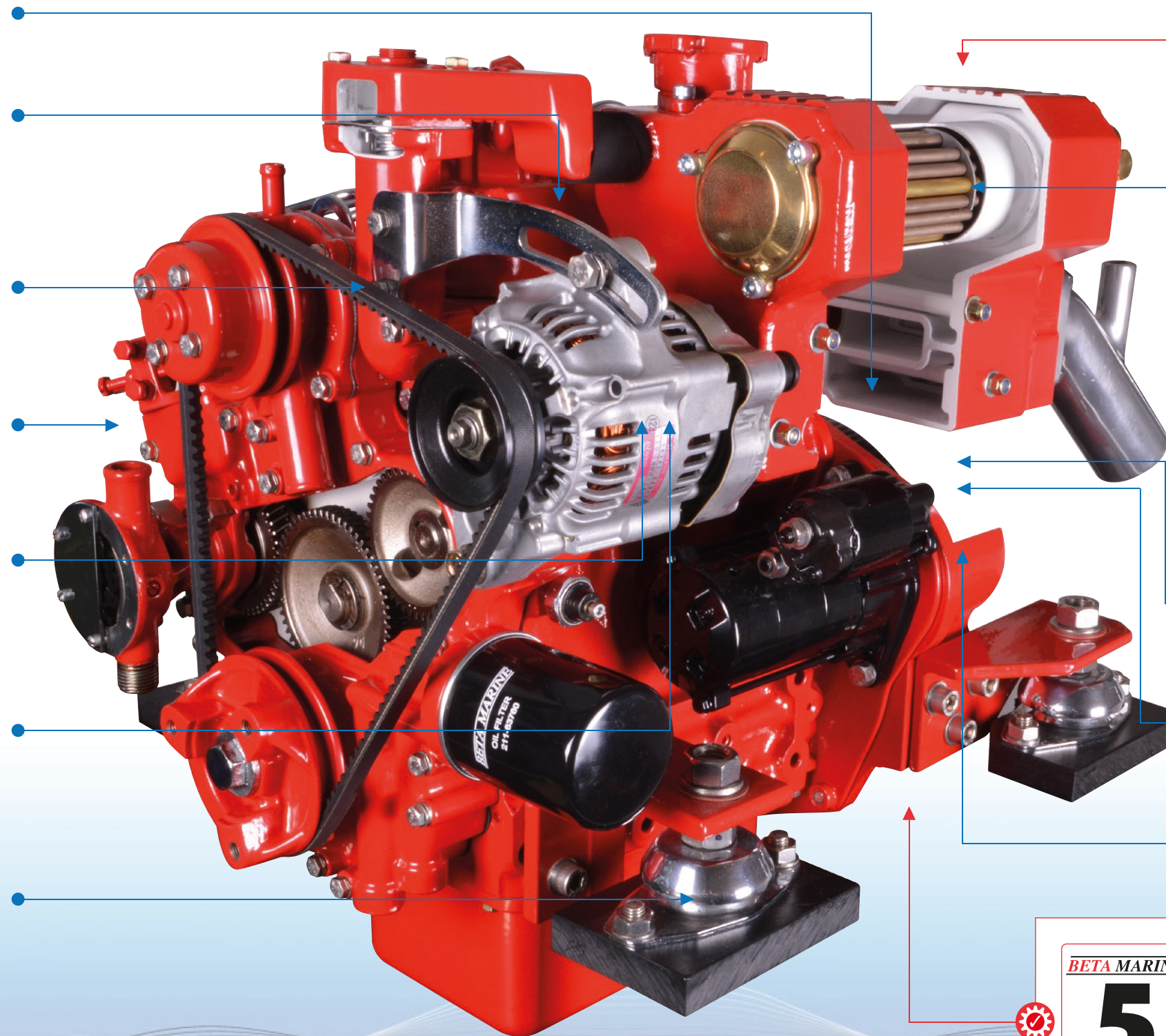
Subject to criteria, Kubota based engines accommodate installation angles up to 15° maximum when static and 25° when heeling.

The Beta 14, 16, 20 & 25 are equipped with a standard 40 Amp alternator, the Beta 30, 38 & 45T are equipped with a standard 70 Amp alternator all are driven by a polyvee belt/pulley.

The Beta 43, 50 & 60 are equipped with a standard 70 Amp alternator, driven by an "A" section profiled belt/pulley. **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.

Cutaway Images Are For Illustration  
Purposes & Not Necessarily Representative



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.

**HEAT EXCHANGER COOLED**, the Beta 14, 16, 20, 25, 30, 38, 43, 50 & 60 are naturally aspirated, whilst the Beta 45T is turbocharged.

Three vortex combustion with indirect injection for quiet running, low emissions and excellent fuel consumption – Beta 14, 16, 20, 25, 30, 38, 43, 50 & 60.

ICVS combustion with direct injection for quiet running, low emissions and excellent fuel consumption – Beta 45T.

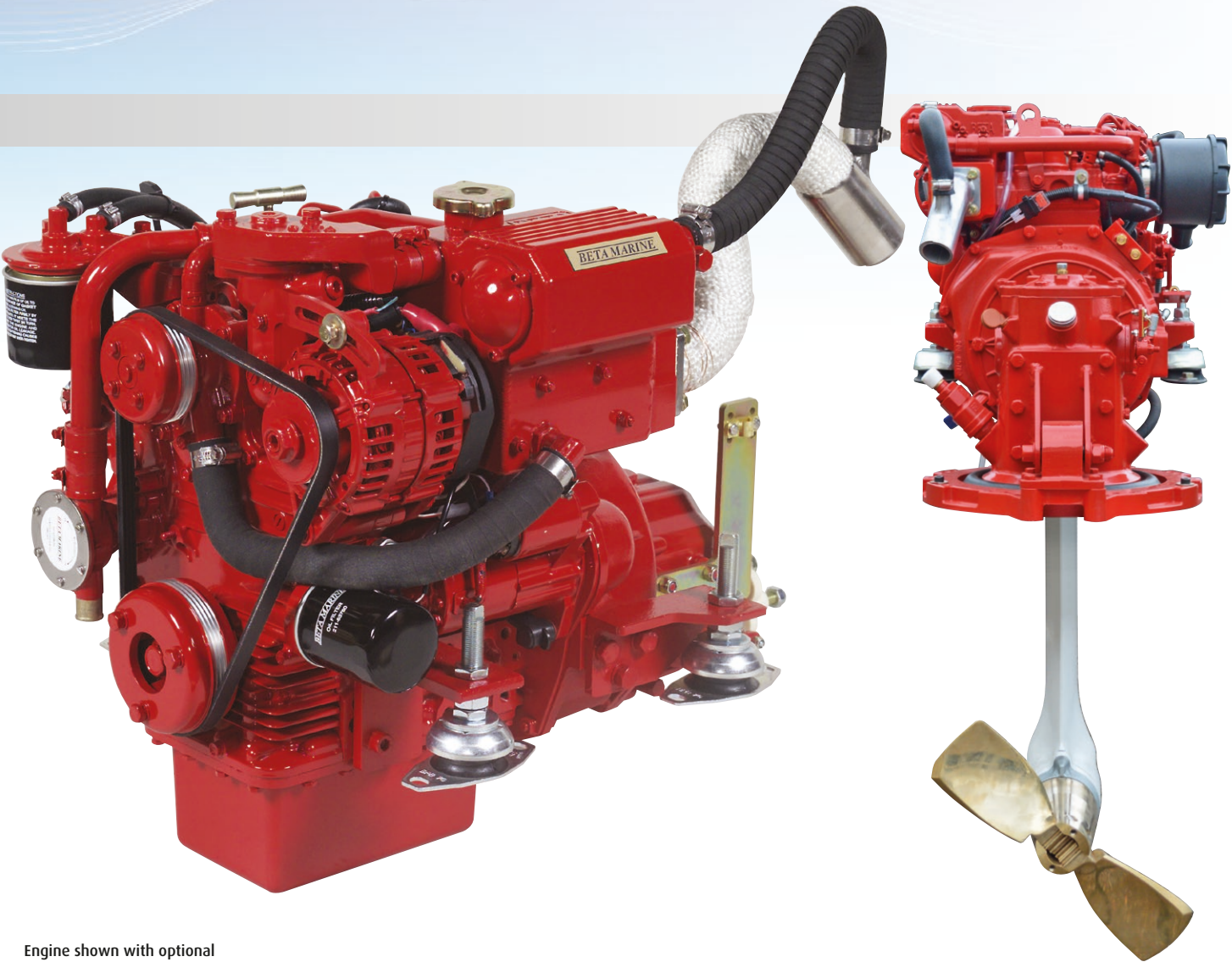
Output rotation is clockwise in ahead, viewed from the saildrive end.



Subject to installation criteria & registration, Kubota based engine's used for recreational use benefit from a **5 YEAR 'SELF-SERVICE' ENGINE WARRANTY**.



# Beta 16 SD



Engine shown with optional high-rise injection bend

**BETA MARINE**  
**5**  
YEAR 'SELF-SERVICE'  
ENGINE WARRANTY


Recreational use only

**BETA MARINE**  
**2**  
YEAR SAILDRIVE  
WARRANTY

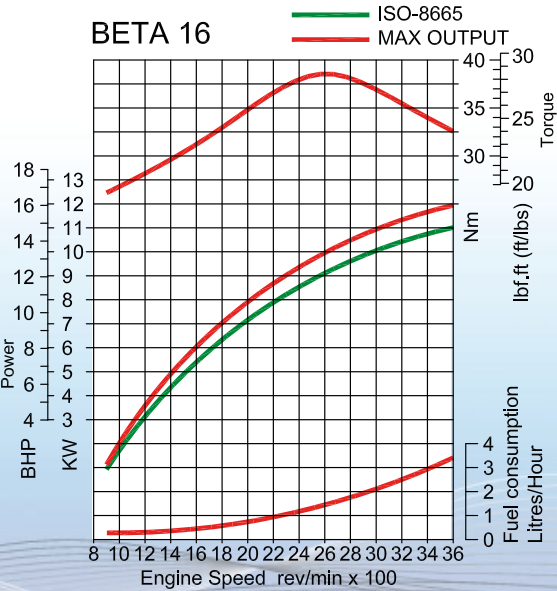
Recreational use only

Engine image including gearbox is for representational purposes only

**Kubota  
Base Engine**

	Cylinders	2
	Displacement	599cc
	Power	16hp max @ 3,600rpm
	Weight	95Kg
	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

## Control Panel Options

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

## Saildrive Option

SeaProp 60 Saildrive Leg	Std.
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## Adaptor Kits

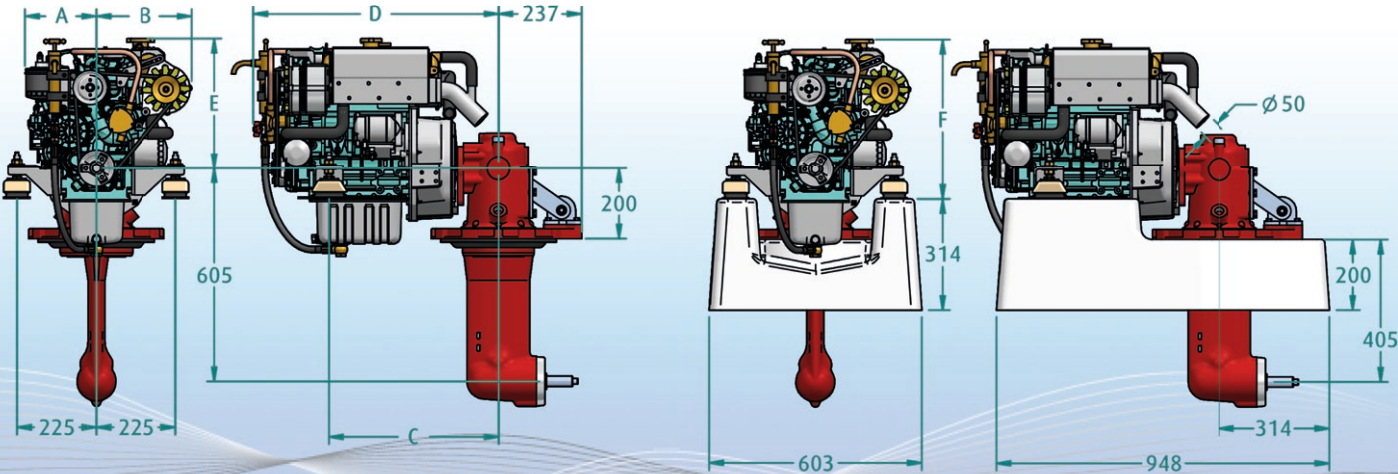
<b>Volvo</b>		<b>Bukh</b>	
110S Saildrive	N/A	Bukh Saildrive	Std.
120S Saildrive	Std.	<b>Yanmar</b>	
130S Saildrive	Std.	SD20 Saildrive	Std.

## Electrical Options

40 Amp, 12 Volt Alternator	Std.	70 Amp, 12 Volt Alternator in Lieu of Standard	Opt.
		125 Amp, 12 Volt Split Charging System	Opt.

## Saildrive Dimensions using SeaProp 60

	A	B	C	D	E	F	Weight
Beta 16 SD	218	217	402	581	340	421	115Kg



These dimensions are accurate, the drawings are representative: visit our website for all engine / saildrive drawings or contact Beta Marine direct