



RRP July 2018-Rev 02-i3

£ Sterling Ex VAT

Your needs...

...our tailored solutions.



Beta Kubota standard engine specification;

- Engine is available either with a new saildrive as indicated within section 1 or with an adapter kit for an existing saildrive as indicated in section 2.
- Recreational craft directive emission compliant. Mechanically governed.
- Heat exchanger, header tank & water cooled exhaust manifold.
- Fresh & sea water pump, injection bend for wet exhaust.
- Mechanical fuel lift pump, fuel & oil filtration and sump pump.
- Flywheel housing & drive plate with heavy inertia ring for super smooth running at low rpm.
- Special quiet air intake filter.
- 12 volt starter with 70 amp battery charging alternator with a Polyvee belt drive - Beta 30, 35, 38 & 45T.
- 12 volt starter with 70 amp battery charging alternator with a V belt drive - Beta 43, 50 & 60.
- Shutdown solenoid energised to stop.
- Control Panel 'ABV' key switch controlled for engine preheat & start, push button controlled for engine stop, has a tachometer with running hour recorder, green light indicator for 'power on', red warning light indicators & audible alarm for low oil pressure, high water temperature and engine alternator not charging. Complete with 3m of interconnection cable and multi pin plug connector.
- Heavy duty engine feet with flexible mountings.
- "Morse" type end fittings for speed and gear control.
- Beta red paint
- Engine test certificate & operators manual.
- 5 year self-service engine warranty.*
- 2 year saildrive warranty*.
- Tri-wall packing on a wooden base.

* Subject to installation criteria & warranty registration.

Engine Type	Beta 30 SD	Beta 35 SD	Beta 38 SD	Beta 45T SD	Beta 43 SD	Beta 50 SD	Beta 60 SD
Cylinders	3	4	4	4T	4	4	4
BHP	30	35.0	38	45	43	50	56
RPM	3600	2800	3600	3000	2800	2800	2700
Cubic Capacity	1123	1498	1498	1498	1999	2197	2434

£ ENGINE COMPLETE WITH SAILDRIVE LEG

1		Beta 30 SD	Beta 35 SD	Beta 38 SD	Beta 45T SD	Beta 43 SD	Beta 50 SD	Beta 60 SD
a	Engine with shallow sump, feet & Technodrive SeaProp 60 leg* - GRP base & propeller not included	7755	8220	8335	9230	8855	9185	10080

* Complete with rubber seal & securing ring and available with either 2.15 or 2.38 : 1 reduction ratios.

£ ENGINE ONLY - COMPLETE WITH EXISTING SAILDRIVE ADAPTOR KIT

2		Beta 30 SD	Beta 35 SD	Beta 38 SD	Beta 45T SD	Beta 43 SD	Beta 50 SD	Beta 60 SD
a	110S Volvo adaptor kit - includes shallow sump [^]	5485	5955	6070	6950	N/A	N/A	N/A
b	120S Volvo adaptor kit - includes shallow sump [^]	5700	6170	6285	7220	6915	7235	N/A
c	130S Volvo adaptor kit - includes shallow sump [^]	5820	6290	6405	7340	7140	7450	7995
d	Bukh adaptor kit - includes shallow sump [^]	5820	6290	6405	7340	N/A	N/A	N/A
e	SD20 Yanmar adaptor kit - includes shallow sump [^]	5820	6290	6405	7340	N/A	N/A	N/A

[^] To install into your existing base special feet will be required, please refer to section 11.

£ SAILDRIVE OPTIONAL EXTRAS

3		Beta 30 SD	Beta 35 SD	Beta 38 SD	Beta 45T SD	Beta 43 SD	Beta 50 SD	Beta 60 SD
a	Beta GRP base moulding - complete with stainless steel ring & all fixings required for fitting an engine with SeaProp 60 leg into the hull	975	975	975	975	975	975	975

Important - Due to the variance of a vessels length and final laden weight each saildrive application is unique, as a consequence we strongly recommend that a propeller specialist is consulted and a specific calculation is obtained. The propellers in the following table are a general guide for a SeaProp 60, for futher information do not hesitate to contact Beta Marine Ltd.

£ PROPELLOR GUIDANCE - NB For 2.15 : 1 reduction ratio ^

4		Beta 30 SD	Beta 35 SD	Beta 38 SD	Beta 45T SD	Beta 43 SD	Beta 50 SD	Beta 60 SD
a	2 Bladed folding bronze left hand propeller*	710	710	760	880	885	895	N/A
b	Propeller size in inches	16 x 10	16 x 11	17 x 10	18 x 13	18 x 14	18 x 16	N/A
c	3 Bladed aluminium left hand propeller*	320	320	330	365	435	445	455
d	Propeller size in inches	15 x 10	15 x 11	16 x 10	17 x 13	18 x 13	18 x 14	18 x 16
e	Cone nut for 3 Bladed fixed propeller	80	80	80	80	80	80	80

^ Please contact us for 2.38 : 1 guidance.

* Propellers are available in other selected sizes please contact us for futher information.

£ CONTROL PANEL OPTIONAL EXTRAS

5	Control Panel	Beta 30 SD	Beta 35 SD	Beta 38 SD	Beta 45T SD	Beta 43 SD	Beta 50 SD	Beta 60 SD
a	ABVW Panel - Sealed push buttons in lieu of keyswitch	80	80	80	80	80	80	80
b	B Panel - As ABV plus water temperature gauge	100	100	100	100	100	100	100
c	BW Panel - Sealed push buttons in lieu of key switch	150	150	150	150	150	150	150
d	C Panel - As panel B plus oil pressure gauge & voltmeter	230	230	230	230	230	230	230
e	CW Panel - Sealed push buttons in lieu of key switch	380	380	380	380	390	390	390
f	Extension loom, includes starter relay & 2m cable*	80	80	80	80	80	80	80

* Additional lenghts of cable available, please add £10 for each additional meter required.

£ ENGINE OPTIONAL EXTRAS

6		Beta 30 SD	Beta 35 SD	Beta 38 SD	Beta 45T SD	Beta 43 SD	Beta 50 SD	Beta 60 SD
a	Standard Sump - Allowance	-145	-165	-165	-165	-205	-205	-205
b	Calorifier - Feed & return	25	25	25	25	25	25	25
c	Short aft dipstick	N/A	N/A	N/A	N/A	N/A	N/A	12
d	Stainless steel injection bend in lieu of Aluminium	70	70	70	Inc	Inc	Inc	Inc
e	Stainless steel high rise cross over to port injection bend with 150mm rise lagging included - in lieu of standard aluminium.	150	150	150	230	150	150	150

£ ENGINE OPTIONAL EXTRAS								
6		Beta 30 SD	Beta 35 SD	Beta 38 SD	Beta 45T SD	Beta 43 SD	Beta 50 SD	Beta 60 SD
f	Stainless steel high rise, cross over to port injection bend with 200mm rise lagging included - in lieu of standard aluminium.	150	150	150	230	N/A	N/A	N/A
g	Stainless steel high rise, cross over to starboard injection bend with 200mm rise lagging included - in lieu of standard aluminium.	150	150	150	230	150	150	150
h	Volvo style stainless steel 140mm high rise injection bend, cross over to starboard lagging included - in lieu of standard	150	150	150	230	150	150	150
i	Engine Ensis & Calibration fluid - For extended storage protection beyond 6mths	70	70	70	70	70	70	70

£ INSTALLATION OPTIONAL EXTRAS								
7		Beta 30 SD	Beta 35 SD	Beta 38 SD	Beta 45T SD	Beta 43 SD	Beta 50 SD	Beta 60 SD
a	SeaProp 60 / seawater pump, strainer kit - Includes strainer, 4m hose, shut off valve & 8 clips	285	285	285	285	285	285	285
b	Water sensor for SeaProp 60 rubber diaphragm - Not connected	80	80	80	80	80	80	80
c	Rubber seal - SeaProp 60 to hull	45	45	45	45	45	45	45
d	Wet exhaust kit - 3m of exhaust hose, skin fitting & clips. NB Gooseneck not included	245	245	245	245	245	245	245
e	Wet exhaust waterlock/silencer & clips	80	80	80	80	80	80	80
f	Anti-syphon kit - Air vent, 2m of 22mm hose & clips	125	125	125	125	125	125	125
g	Flexible fuel pipe connections - Engine x 2	65	65	65	65	65	65	65
h	Fuel delivery kit - 5m x 8mm copper pipe & end fittings. From tank to flexible pipe	60	60	60	60	60	60	60
i	Fuel leak off kit - 5m x 8mm copper pipe & end fittings . From flexible pipe to fuel tank	60	60	60	60	60	60	60
j	Diesel fuel filter - Water separator	50	50	50	50	50	50	50
k	Electric fuel lift pump	65	65	65	65	65	65	65
l	Remote oil filter - Bulk head mounted	235	235	235	235	235	235	235
m	Sound deadening insulation foam - 1.2m x 1m x 38mm	75	75	75	75	75	75	75

£ ENGINE CONTROL OPTIONAL EXTRAS

8		Beta 30 SD	Beta 35 SD	Beta 38 SD	Beta 45T SD	Beta 43 SD	Beta 50 SD	Beta 60 SD
a	Single lever control - For engine & saildrive, side mounted	110	110	110	110	110	110	110
b	1 Pair of 3m control cables*	40	40	40	40	40	40	40

* Cables can be supplied in different lengths, price on application.

£ ELECTRICAL OPTIONAL EXTRAS - NB Minimum recommended battery: Not included.

9		Beta 30 SD	Beta 35 SD	Beta 38 SD	Beta 45T SD	Beta 43 SD	Beta 50 SD	Beta 60 SD
12v	70Ah 450CCA	✓	✓	✓	✓	—	—	—
12v	94Ah 620CCA	—	—	—	—	✓	✓	✓
9		Beta 30 SD	Beta 35 SD	Beta 38 SD	Beta 45T SD	Beta 43 SD	Beta 50 SD	Beta 60 SD
a	Battery leads - 1m pair	60	60	60	60	80	80	80
b	100 Amp Battery isolating switch	45	45	45	45	45	45	45
c	120 Amp 12 Volt alternator in lieu of standard - Polyvee drive, no split charge relay	95	95	95	95	445	445	445
d	120 Amp 12 Volt secondary domestic alternator - Polyvee drive	520	520	520	520	660	660	660
e	125 Amp 12 Volt split charging system - Voltage sensitive for engine & domestic batteries	85	85	85	85	85	85	85

£ CONSUMABLE OPTIONAL EXTRAS

10		Beta 30 SD	Beta 35 SD	Beta 38 SD	Beta 45T SD	Beta 43 SD	Beta 50 SD	Beta 60 SD
a	Short voyage spares kit - Plastic storage box c/w replacement; 2 x oil filters, 1 x fuel & air filter, impellor, anode, O - rings, alternator belt & 40 Amp fuse.	75	75	75	75	105	105	105

SUPPLEMENT ITEMS ARE STRICTLY NETT

£ BESPOKE ENGINE INSTALLATION SUPPLEMENTS

11	Special Feet	Beta 30 SD	Beta 35 SD	Beta 38 SD	Beta 45T SD	Beta 43 SD	Beta 50 SD	Beta 60 SD
a	Manufactured to suit our flexible mountings and your existing Volvo or Yanmar GRP base*	350	350	350	350	350	350	350

* Customer to provide dimensions for computer aided design drawing.

£ SHIPPING SUPPLEMENTS

12		Beta 30 SD	Beta 35 SD	Beta 38 SD	Beta 45T SD	Beta 43 SD	Beta 50 SD	Beta 60 SD
a	Engine 2/3 Day delivery in UK mainland*	85	85	85	85	90	90	90
b	Engine & Saildrive 2/3 Day delivery in UK mainland*	120	120	120	120	130	130	130

* Highlands, Islands & Overseas - Price On Application.

Beta Marine Ltd operates a policy of continuous improvement and reserves the right to change prices & specification without prior notification.
Information given is subject to our current conditions of tender & sale.

Beta Marine Limited, Davy Way, Waterwells, Quedgeley, Gloucester, GL2 2AD. UK.

Web: www.betamarine.co.uk

Email: sales@betamarine.co.uk

Tel: + 44 (0) 1452 723 492