



RRP October 2022 Rev 01-i2
£ 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	38	45	43	48.9	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	9699	10240	10468	11549	11130	11517	12386

* 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 [^]	6752	7293	7521	8602	N/A	N/A	N/A
b	120S Volvo adaptor kit - includes shallow sump [^]	7001	7542	7770	8851	8507	8893	N/A
c	130S Volvo adaptor kit - includes shallow sump [^]	7155	7696	7924	9005	8787	9174	10044
d	Bukh adaptor kit - includes shallow sump [^]	7155	7696	7924	9005	N/A	N/A	N/A
e	SD20 Yanmar adaptor kit - includes shallow sump [^]	7155	7696	7924	9005	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	1059	1059	1059	1059	1059	1059	1059
b	Beta SeaProp 60 Split Anode Kit which facilitates changing your saildrive sacrificial anode without having to first remove and later refit the propeller (includes anode)	90	90	90	90	90	90	90
c	Replacement Beta split sacrificial anode	51	51	51	51	51	51	51

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 further 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*	861	861	920	980	1039	1039	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*	381	381	394	438	521	521	521
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	107	107	107	107	107	107	107

^ Please contact us for 2.38 : 1 guidance.

* Propellers are available in other selected sizes please contact us for further 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	85	85	85	85	85	85	85
b	B Panel - As ABV plus water temperature gauge	138	138	138	138	127	127	127
c	BW Panel - Sealed push buttons in lieu of key switch	212	212	212	212	212	212	212
d	C Panel - As panel B plus oil pressure gauge & voltmeter	265	265	265	265	265	265	265
e	CW Panel - Sealed push buttons in lieu of key switch	403	403	403	403	403	403	403
f	Extension loom**, includes starter relay & 2m cable*	101	101	101	101	101	101	101

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

** An additional extension loom is required when a panel interconnection cable length exceeds 4m

£ 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	-166	-187	-187	-187	-225	-225	-225
b	Calorifier - Feed & return*	37	37	37	37	37	37	37
c	Short aft dipstick	27	27	27	27	N/A	N/A	N/A
d	Stainless steel injection bend in lieu of aluminium	127	127	127	Inc	Inc	Inc	Inc
e	Stainless steel injection bend with 150mm rise lagging included - in lieu of standard	193	193	193	270	193	193	193
f	Stainless steel high rise, cross over to starboard injection bend with 200mm rise lagging included - in lieu of standard	193	193	193	N/A	193	193	193
g	Volvo style stainless steel 140mm high rise injection bend, cross over to starboard lagging included - in lieu of standard	193	193	193	N/A	193	193	193
h	Engine Ensis & Calibration fluid - For extended storage protection beyond 6mths	76	76	76	76	76	76	76

* Taps available if required

£ 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	310	310	310	310	310	310	310
b	Water sensor for SeaProp 60 rubber diaphragm - Not connected	91	91	91	91	91	91	91
c	Rubber seal - SeaProp 60 to hull	50	50	50	50	50	50	50
d	Wet exhaust kit - 3m of exhaust hose, skin fitting & clips. NB Gooseneck not included	265	265	265	419	265	265	265
e	Wet exhaust waterlock/silencer & clips	98	98	98	170	98	98	98
f	Anti-syphon kit - Air vent, 2m of 22mm hose & clips	143	143	143	143	143	143	143
g	Flexible fuel pipe connections - Engine x 2	90	90	90	90	90	90	90
h	Fuel delivery kit - 5m x 8mm copper pipe & end fittings. From tank to flexible pipe	64	64	64	64	64	64	64
i	Fuel leak off kit - 5m x 8mm copper pipe & end fittings . From flexible pipe to fuel tank	64	64	64	64	64	64	64
j	Diesel fuel filter - Water separator	63	63	63	63	63	63	63
k	Electric fuel lift pump	91	91	91	91	91	91	91
l	Remote oil filter - Bulk head mounted inc 75cm of pipe	260	260	260	260	260	260	260
m	Sound deadening insulation foam - 1m x 1m x 38mm	82	82	82	82	82	82	82

£ 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	122	122	122	122	122	122	122
b	1 Pair of 3m control cables *	45	45	45	45	45	45	45

* 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	64	64	64	64	64	64	64
b	100 Amp Battery isolating switch	48	48	48	48	48	48	48
c	120 Amp 12 Volt alternator in lieu of standard - Polyvee drive, no split charge relay	290	290	290	290	435	435	435
d	120 Amp 12 Volt secondary domestic alternator - Polyvee drive	641	641	641	641	N/A	N/A	N/A
e	175 Amp 12 Volt secondary domestic alternator - Polyvee drive	N/A	N/A	N/A	N/A	790	790	790
f	125 Amp 12 Volt split charging system - Voltage sensitive for engine & domestic batteries	92	92	92	92	92	92	92

£ 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.	86	86	86	86	120	120	120

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*	382	382	382	382	382	382	382

* 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*	92	92	92	92	103	103	103
b	Engine & Saildrive 2/3 Day delivery in UK mainland*	165	165	165	165	176	176	176

* 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.