



RRP October 2022 Rev 01-i2
£ Sterling Ex VAT

Your needs...
...our tailored solutions.



Beta Iveco standard engine specification;

- Engine is with or without a gearbox as indicated within section 1, individual gearbox reduction ratios &/or optional extras available are indicated in section 2.
- Mechanically governed complete with heat exchanger, header tank & water cooled exhaust manifold.
- Fresh & sea water pump, injection bend for wet exhaust.
- Mechanical fuel lift pump, fuel & oil filtration, oil cooler 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 90 amp battery charging alternator with a 'Polyvee' belt drive.
- 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 blue paint
- Engine test certificate & operators manual.
- 1 year engine warranty.*
- Packed on a wooden base wrapped in cardboard
- **Not RCD Compliant - For use by and on sale strictly to Non-Recreational Craft up to 24m in length.**

* Subject to installation criteria & warranty registration.

Engine Type	Beta 150
Cylinders	6
BHP - Pleasure	147
BHP - Commercial	123
RPM	2800
Cubic Capacity	6700

£ STANDARD ENGINE/GEARBOX COMBINATIONS

1	Gearbox Type	Beta 150
a	PRM500* - 1.94 / 2.57 / 2.90 : 1	25896
b	As 1a but specified for Keel Cooling and supplied with dry exhaust stub	26097
c	Bobtail engine with drive plate & housing only - No hydraulic gearbox	22811
d	Bobtail engine with drive plate & housing only - No Borg Warner Velvet Drive	23553

* C/W hydraulic gearbox, adapter, oil cooler & drive member, all assembled to the engine.

£ GEARBOX OPTIONAL EXTRAS

2	PRM Hydraulic*	Beta 150
a	PRM750 - 1.94 / 2.57 / 2.90 : 1	1129
b	PRM750 - 3.94 : 1	1807
c	PRM1000 - 1.53 / 2.03 / 2.86	2486
d	PRM1000 - 3.94 : 1	2597
e	Trolling valve kit - For PRM500, 750 & 1000	1516
f	Hydraulic soft shift kit - For PRM500, 750 & 1000	398
g	Live PTO - For PRM500 & 750	546
h	Clutched PTO - For PRM500 & 750 to customers hydraulic pump SAE J774C - Includes item 2g	1956
i	Clutched PTO - For PRM500 & 750, with 37cc/rev. hydraulic pump - Includes item 2g	2804
j	Clutched PTO - For PRM1000 gearbox, only for SAE "B" hydraulic pump - Includes item 2g	3026

* C/W hydraulic gearbox, adapter, oil cooler & drive member, all assembled to the engine.

£ GEARBOX OPTIONAL EXTRAS

2	Technodrive Hydraulic*	Beta 150
k	TM170 - 1.5 / 2.04 / 2.5 / 2.94 : 1	228
l	TMC880A 7° down angle - 1.53 / 2.08 / 2.60 : 1	572
m	TMC265 - 1.5 / 2.09 / 2.82 : 1	1839
n	TMC265A 7° down angle - 1.44 / 2.09 / 2.3 : 1	1956
o	Trolling valve kit - For TMC170, 880A, 265 & 265A	853

* C/W hydraulic gearbox, adapter, oil cooler & drive member, all assembled to the engine.

£ GEARBOX OPTIONAL EXTRAS

2	ZF Hydraulic*	Beta 150
p	ZF68A 8° down angle - 1.22 / 1.56 / 2.04 / 2.52 / 2.7 : 1	795

* C/W hydraulic gearbox, adapter, oil cooler & drive member, all assembled to the engine.

£ GEARBOX - OPTIONAL EXTRA PROPELLER SHAFT COUPLINGS

3	R & D Flexible Disc	Beta 150
a	5.75" Flange - For PRM500, 750 & 1000 (except with 4 : 1 ratio)	286
b	7.25" Flange - For PRM1000 (with 4 : 1 ratio only)	539
3	R & D Split Boss Clamp	Beta 150
c	5.75" Flange - For PRM500, 750 & 1000 (except with 4 : 1 ratio)	215
d	7.25" Flange - For PRM1000 (with 4 : 1 ratio only)	POA

£ CONTROL PANEL OPTIONAL EXTRAS

4	Control Panel	Beta 150
a	ABVW Panel - Sealed push buttons in lieu of key switch [^]	90
b	B Panel - As panel ABV plus water temperature gauge [^]	127
c	BW Panel - Sealed push buttons in lieu of key switch [^]	233
d	C Panel - As panel B plus oil pressure gauge & voltmeter [^]	297
e	CW Panel - Sealed push buttons in lieu of key switch [^]	435
f	Flybridge control – C panel with 3m interconnection cable* and standard panel with 6m interconnection cable* for the Flybridge.	795
g	C/CW Panel - NMEA 2000 Module/Interface	716
h	D Panel - Digital, water resistant to IP67 [^]	864
i	Extension loom**, includes starter relay & 2m cable*	101

[^] Complete with 3m interconnection cable * and multi pin connector

* 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

5		Beta 150
a	Calorifier - Feed & return*	55
b	Shaft extension PTO - Gear end mounted 38mm shaft dia.	175
c	Extended Rails - For mounting of pumps etc...	652
d	Free issued fitting of customers hydraulic pump in-line, forward end**	1007
e	Bilge pump c/w 1" Seawater pump, belt, pulley & electromagnetic clutch**	981
f	Mounting for Sea Frost Compressor	721
g	10HP hydraulic bow thruster kit - complete with 32cc/rev hydraulic pump fitted to engine, Lewmar thruster unit, reservoir & controls. Hydraulic pipes are not included.	7070
h	Engine Ensis & calibration fluid - For extended storage protection beyond 6mths	76

* Taps available if required

** includes rails & PTO shaft extension.

£ INSTALLATION OPTIONAL EXTRAS

6		Beta 150
a	Water inlet kit - Seacock with strainer & 2m pipe with clips	323
b	Wet exhaust kit - 3m of exhaust hose, skin fitting & clips. NB Gooseneck not included	668
c	Wet exhaust waterlock/silencer & clips	311
d	Hospital silencer - High attenuation, 105cm long x 35cm diameter	567
e	Flexible fuel pipe connections - Engine x 2	83
f	Fuel delivery kit - 5m x 8mm copper pipe & end fittings. From tank to flexible pipe	64
g	Fuel leak off kit - 5m x 8mm copper pipe & end fittings . From flexible pipe to fuel tank	64
h	Dry exhaust system - Includes flexible exhaust bellows (0.4m) & dry exhaust silencer	307
i	Water discharge kit - For dry exhaust system, complete with skin fitting, 3m of pipe & retaining clips	641
j	Sound deadening insulation foam - 1m x 1m x 38mm	82

£ ENGINE CONTROL OPTIONAL EXTRAS

7		Beta 150
a	Single lever control - For engine & gearbox, side mounted	122
b	1 Pair of 3m control cables*	43

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

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

8		Beta 150
12v	180Ah 1050CCA	v
8		Beta 150
a	Battery leads - 1m pair	106
b	100 Amp Battery isolating switch	48
c	175 Amp 12 Volt alternator in lieu of standard - Polyvee drive, no split relay	570
d	175 Amp 12 Volt secondary domestic alternator - Polyvee drive	928
e	24 Volt electric start & 24 Volt 70 Amp alternator	1208
f	12 Volt Insulated return electric start & 12 Volt 90 Amp alternator	1378
g	24 Volt Insulated return electric start & 24 Volt 70 Amp alternator	2624
h	100 Amp 24 Volt secondary domestic alternator	1049

£ CONSUMABLE OPTIONAL EXTRAS

9		Beta 150
a	Service kit to cover 2000hrs of use - Comprises of 4 x fuel filters, 2 x fuel pre filters, 2 x air filters, 4 x oil filters, 2 x sea pump gasket, 2 x sea pump impeller and 2 x drivebelts	747

SUPPLEMENT ITEMS ARE STRICTLY NETT

£ BESPOKE ENGINE INSTALLATION SUPPLEMENTS - NET

10	Special Feet	Beta 150
a	Manufactured to suit your existing bearers & shaft alignment/installation*	382

* Customer to provide dimensions for computer aided design drawing.

£ SHIPPING SUPPLEMENTS - NET

11		Beta 150
a	Supplement for wooden export packing case	368
b	2/3 Day delivery in UK mainland*	165

* 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.

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