



MARINE



✓ EFFICIENT

✓ LIGHT

✓ POWERFUL

PERMANENT MAGNET DC ELECTRIC MOTORS

LIGHT WEIGHT

21kg Weight

EFFICIENT

Up to 93% efficiency

RELIABLE

Brush life of 7500 hours

ECO FRIENDLY

No emissions
No fuel

POWERFUL

10-50HP
(5, 8 & 13Kw)

LOW COST

Save on fuel bills

MARLIN SINGLE DRIVE (10-50HP)

Overview

Experience the quiet and clean life on the water with the Lynch Motor Company Marlin Single Drive System. A motor offering up to 50 horsepower of high-performance.

Key Features

- 10-50HP (5Kw/8Kw/13Kw)
- 5Kw/8Kw/10Kw/13Kw Output
- 48v input & 72 input
- Lightweight – Only 21KG
- Belt tensioner
- Simple to install and easy to maintain
- System manufactured in Devon

Marlin Single Marine Drive System



? What's included?

- ✓ Electric DC Motor
- ✓ Controller assembly
- ✓ Display
- ✓ Leads & installation manual
- ✓ Throttle
- ✓ Motor frame/direct drive & gearing assembly
- ✗ Batteries
- ✗ Charger

Applications



Narrowboats



Sailing crafts



Yachts



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MARLIN

SINGLE MARINE DRIVE SYSTEM

ALL OF OUR MOTORS HAVE
A 2 YEAR EXTENDABLE
WARRANTY

✓ EFFICIENT ✓ LIGHT ✓ POWERFUL | PERMANENT MAGNET DC ELECTRIC MOTORS

TECHNICAL SPECIFICATIONS	MARLIN 5	MARLIN 8	MARLIN 10	MARLIN 13
ENGINE SIZE	10-20 HP	17-25 HP	25-35 HP	35-50 HP
SIZE	20-30FT / <40FT	28-35FT/ 35-60FT	35-60FT	35-60FT/60FT
MOTOR SIZE	LEM 200-D135	LEM 200-D135	LEM 200-95	LEM 200-D135
VOLTAGE	48V	48V	48V	72V DC
CURRENT	120 Amp	180 Amp	220 Amp	200 Amp
POWER OUTPUT	5 KW	8 KW	10 KW	13 KW
AVERAGE EFFICIENCY	90%	90%	88%	90%
BATTERY RECHARGE FUNCTION	YES	YES	YES	YES
RATED SPEED ENGINE	2160 RPM	2160 RPM	3500 RPM	3240 RPM
RATED TORQUE	18 Nm	26 Nm	24 Nm	36 Nm
SPEED CONSTANT	45 RPM/V	45 RPM/V	81 RPM/V	45 RPM/V
PEAK CURRENT	350 Amp	350 Amp	400 Amp	450 Amp
PEAK POWER	14 KW	14 KW	20 KW	26 KW
PEAK TORQUE	38 Nm	44 Nm	52 Nm	72 Nm
REDUCTION GEARING STANDARD	22 : 48	22 : 48	22 : 72	22 : 56
REDUCTION GEARING OPTIONS	22 : 56 & 22 : 72	22 : 56 & 22 : 72	22 : 90	22 : 72 & 22 : 90
STANDARD RPM PROPELLER SHAFT	1020 RPM	1020 RPM	1100 RPM	1270 RPM
OPTIONAL RPM PROPELLER SHAFT	848 RPM	848 RPM	875 RPM	990 RPM
OPTIONAL RPM PROPELLER SHAFT	660 RPM	660 RPM		790 RPM
WEIGHT OF MOTOR & FRAME	21 KG	21 KG	21 KG	21 KG
WEIGHT OF CONTROL BOX	MEDIUM 14 KG	MEDIUM 14 KG	LARGE 18 KG	LARGE 18 KG

BMV 700 INTELLIGENT DISPLAY

Key ignition with voltage, battery capacity and available range.



STANDARD THROTTLE

One direction setting or neutral position with forward and reverse. Can be top or side mounted.



LYNCH DUAL THROTTLE

To use with Catamarans and Twin Prop applications.



BMV 712

Monitors battery condition remotely through an app.

SIGMA DISPLAY

Key ignition with battery capacity levels, throttle settings and programme codes for the controller.



THRUST BEARING



DC TO DC CONVERTOR

