



ELECTRIC DRIVE SOLUTIONS

# SAILFISH

## SONIC ELECTRIC DRIVE SYSTEM

### OVERVIEW

The Sailfish Saildrive electric marine drive system from Lynch Motors is suitable for pleasure crafts and sailing boats. It can be considered for use as an alternative to a diesel outboard motor or diesel inboard motor. The Sailfish is available in two different models; Direct Drive and Reduction Drive 2:1.

### KEY FEATURES

- 2 models available (Direct Drive 1:1 and Reduction Drive 2:1)
- Simple to install
- Quiet to run
- No diesel smell
- Cheaper to fit
- No wet exhaust
- Power: 5-35HP
- DC to DC converter

### INCLUDED

- Motor complete with controller and operating lever
- All signal wires and connectors
- Installation manual
- Displays with voltage, battery capacity, available range, throttle settings and programme codes for the controller.

### APPLICATION



Marine



### LIGHTWEIGHT

28kg - 33kg

### EFFICIENT

Up to 93% efficiency

### RELIABLE

Limited moving parts

### ECO FRIENDLY

No emissions, no fuel

### POWERFUL

Available in 28 V and 48 V

### LOW COST

Save on fuel bills

**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**

Available for use in catamarans and Twin Prop applications

**Sailfish - Sonic electric drive system specifications**

Motor Size	Direct Drive Model	Reduction Drive 8 kW	Reduction Drive 10 kW
Engine Size	5-10HP	10-25HP	25-35HP
Vessel Size	20-30ft	28-35ft	35-42ft
Motor Size	200-D135	200-D135	200-D95
Voltage	24 V	48 V	48 V
Current	110AMPS	180AMPS	220AMPS
Power Output	2.8kw	8kw	10kw
Average Efficiency	90%	90%	88%
Rated Speed Engine	1040RPM	2080RPM	3500RPM
Rated Torque	16NM	26NM	24NM
Speed Constant	45RPM/V	45RPM/V	81RPM/V
Peak Current	200AMPS	350AMPS	400AMPS
Peak Power	5KW	16KW	19KW
Peak Torque	35NM	44NM	52NM
Reduction Gearing Standard	None	2:1	2:1
Standard RPM Propeller Shaft	1040RPM	1040RPM	1750RPM
Weight of Motor & Frame	28kg - 35kg	33kg - 40kg	33kg - 40kg
Propeller Diameter Max	2 blade fixed: 15"	2 blade fixed:17"	2 blade fixed:17"
Propeller Diameter Max	3 blade fixed: 14"	3 blade fixed: 16"	3 blade fixed: 16"
Propeller Diameter Max	2 blade folding: 15"	2 blade folding: 16.5"	2 blade folding: 16.5"
Propeller Shaft options	28mm: 17 spline	28mm: 17 spline	28mm: 17 spline
Propeller Shaft options	25mm: 1-10 taper	25mm: 1-10 taper	25mm: 1-10 taper

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