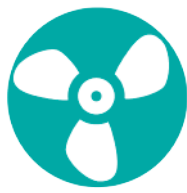


# SWORDFISH

Lynch Electric Twin Marine Drive System Motor



MARINE  
ELECTRIC PROPULSION SYSTEMS



## KEY FEATURES:

- ✓ 48-75HP (16Kw & 26Kw output)
- ✓ 40-80ft including narrowboats.
- ✓ 48v input & 72v input.
- ✓ Lightweight - only 27KG.
- ✓ Consistently Reliable.
- ✓ Powerful.
- ✓ Quiet and efficient.
- ✓ Easy to install and use.
- ✓ Suited to a range of vessels  
from pleasure, canal broad beam barges, sailing boats & catamarans.

ALWAYS READY TO GO WHEN YOU ARE.



POWERFUL, RELIABLE AND LIGHT WEIGHT ELECTRIC MOTOR

## REASONS TO SWITCH TO ELECTRIC

### RELIABLE

ELECTRIC MOTOR STARTS EVERY TIME WITH A TURN OF THE KEY, ADJUST THE THROTTLE AND GO.

### LOW FUEL COSTS

RECHARGE BATTERIES WHILST UNDER SAIL OR VIA SOLAR OR WIND.

### EASY INSTALL

1 DAY INSTALL. NO HEAVY LIFTING. EASY TO ALIGN. 'PLUG AND GO' SYSTEM.

### POWERFUL

48-75HP (16 & 26Kw)  
IMMEDIATE POWER.  
NO PRE-HEATING. EASY & ACCURATE TO MANOEUVRE.

### ECO FRIENDLY

QUIET AND CLEAN.  
NO EXHAUST FUMES.  
CLEAN ENGINE ROOM.  
PEACEFUL AND TRANQUIL.  
NO POLLUTION.  
PLEASANT ENVIRONMENT.

SUITED FOR EMISSION RESTRICTED WATERWAYS.

### LIGHT WEIGHT

UP TO 10 X LIGHTER THAN TRADITIONAL ENGINES.  
JUST 27KG + CONTROL BOXES.

IMPROVED CONTROL.  
ENHANCED STEERING.  
EXCELLENT POWER TO WEIGHT RATIO.  
DISTRIBUTE BATTERIES FOR BETTER WEIGHT OPTIMISATION.



Canal River Lake Sea

### LOW MAINTENANCE COSTS

VISUAL CHECKS OF BRUSHES AND DRIVE BELTS. BELTS LAST 3000 HOURS, BRUSHES 7000 HOURS. INEXPENSIVE TO REPLACE.

# SWORDFISH

Lynch Electric Twin Marine Drive System Motor

## ALL LYNCH MARINE DRIVE SYSTEMS INCLUDE:

- ✓ ELECTRIC DC MOTOR
- ✓ CONTROLLER ASSEMBLY
- ✓ DISPLAY
- ✓ LEADS AND INSTALLATION MANUAL
- ✓ THROTTLE
- ✓ MOTOR FRAME / DIRECT DRIVE & GEARING ASSEMBLY

**2 YEAR**  
EXTENDABLE  
WARRANTY

TECHNICAL SPECIFICATIONS	SWORDFISH 16V TWIN	SWORDFISH 26V TWIN
REPLACE COMBUSTION ENGINE SIZE	48-60 HP (40-70FT)	60-75 HP (50-80FT)
MOTOR TYPE	LEM 200-D135 X 2	LEM 200-D135 X 2
VOLTAGE	48V DC	72V DC
CURRENT	180Amp	200 Amp
POWER OUTPUT	16 KW	26 KW
AVERAGE EFFICIENCY	90%	90%
BATTERY RECHARGE FUNCTION	YES	YES
RATED SPEED ENGINE	2160 RPM	3240 RPM
RATED TORQUE	72 Nm	72 Nm
SPEED CONSTANT	45 RPM/V	45 RPM/V
PEAK CURRENT	350 Amp	400 Amp
PEAK POWER	30 KW	53 KW
PEAK TORQUE	144 Nm	144 Nm
REDUCTION GEARING STANDARD	22 : 56	22 : 56 : 00
REDUCTION GEARING STANDARD	22 : 72 AND 22 : 90	22 : 72 AND 22 : 90
STANDARD RPM PROPELLER SHAFT	990 RPM	1270 RPM
OPTIONAL RPM PROPELLER SHAFT	848 RPM	990 RPM
OPTIONAL RPM PROPELLER SHAFT	660 RPM	790 RPM
WEIGHT OF MOTOR AND FRAME	27 KG	27 KG
WEIGHT OF MOTOR CONTROL BOX	14.5 KG X 2	14.5 KG X 2

## OPTIONS FOR DISPLAY AND THROTTLE - REMOTE STEERING

### BASIC DISPLAY



System ON/OFF and direction switches with battery. Stainless steel backplate.

### BMV 700 INTELLIGENT DISPLAY



Key ignition with voltage, battery capacity and available range. \*Now with stainless steel backplate.

### SIGMA DISPLAY



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

### ZF DUAL THROTTLE

Neutral with forward and reverse only.



### STANDARD THROTTLE



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

## CONTROLLER ASSEMBLY

### DIMENSIONS (MM)

#### CONTROLLER BOX SIZES

SMALL - YELLOWTAIL

362.45

362

156.53

MEDIUM - MARLIN 5 & 8

362.45

410

156.53

LARGE - MARLIN 13, SWORDFISH 16 & 26

362.45

505

156.53



2 X CONTROLLER ASSEMBLY IN ALL SWORDFISH MODELS

## CONTACT US



Generating  
Movement  
Efficiently

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