

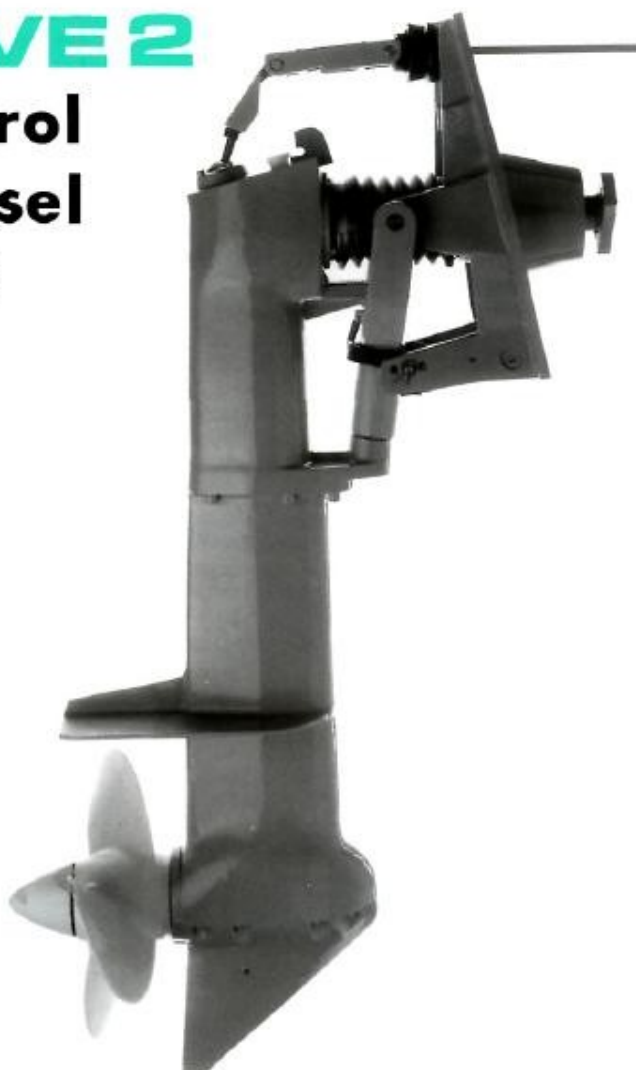
# SONIC CAT-DRIVES

## CAT-DRIVE 2

### 6-50 bhp Petrol 6-37 bhp Diesel DIRECT DRIVE

#### 4 LENGTHS AVAILABLE

- Designed in the form of direct-drive system to allow inboard engines to use their existing gearboxes.
- Facilities for charging ship's batteries with engine whilst having outdrive leg raised when under sail.
- Reduced drag with slimmer underwater shape above cavitation plate.
- Astern lock either automatic or manual. – cable operated.
- Increased angle of leg lift to 68°
- Simple 6 bolt fixing. Template supplied
- Engine/gearbox, input rotation LH or RH
- Steerable, affords extra manoeuvrability to your cat.
- 16" Diameter propeller for the thrust you need
- Marine grade alloy casing
- Nickel alloy gears
- Stainless steel fasteners
- Double oil seals (Propshaft)
- Sacrificial anode provision



SONIC TRANSMISSION UNITS ARE DESIGNED WITH SERVICE IN MIND. THE RUGGED BUT REFINED CONSTRUCTION ENABLES COMPLETE OVERHAULS TO BE CARRIED OUT WITH THE MINIMUM TOOLS. A FACILITY NOT ALWAYS POSSIBLE WITH OTHER TYPES OF MASS PRODUCED DRIVES.

## HYDRAULIC PUMPS & PISTON SETS

### for SONIC/Enfield Stern-Drives and Cat-Drives



Standard hydraulic piston and pump controls are suitable for fitting to all the Sonic Stern Drive Range, in addition they are available for many other applications.

With each operation of the control, the hydraulic system is self bled. Pumps are made from aluminium alloy. Each end of the piston is machined to accept a rod type fitting. Bore size standard 1". Stroke 3".

## General Characteristics

### Max. Power:

50 h.p. at 5000 RPM PETROL  
40 h.p. at 3600 RPM DIESEL

### Max. Torque:

Subject to max. input torque of 15 Kg mtr.  
max input torque = Engine torque × Gear box ratio.

### TRANSMISSION

DIRECT DRIVE 1 : 1

**PROPELLER** 406mm / 16" MAX DIAMETER FULL RANGE AVAILABLE LEFT OR RIGHT HAND.

**STEERING** TILLER ARM TYPE 30° TO PORT 30° TO STARBOARD, 9" CABLE STROKE.

**REVERSE LOCK** REMOTE MANUAL OPERATION or Autolock, with manual release.

**TILT FOR SAILING** MANUAL LIFT OR HAND HYDRAULIC TO 68° MAX.

**MOUNTING PAD ANGLE** 7° or 12° CAN BE 5° IN PRACTICE, FOR MAX. TILT.

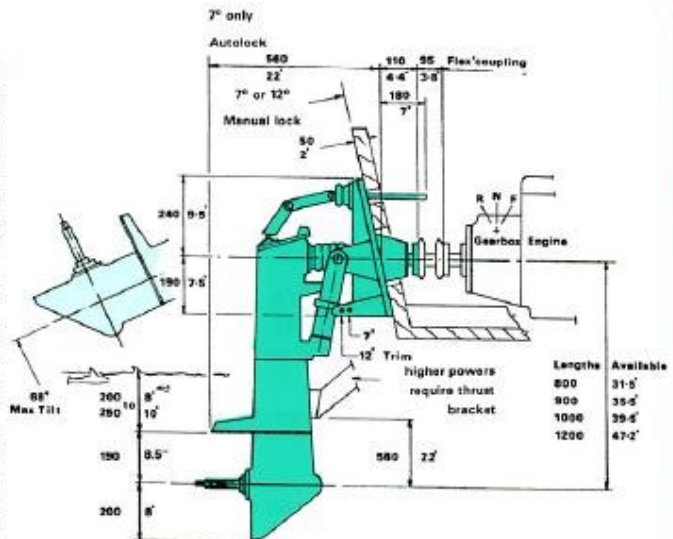
**APPLICATION** CONSULT SILLETTE WITH YOUR SPECIFICATION. 900 M/M, 1000 M/M and 1200 M/M UNITS REQUIRE SPECIAL INSTALLATION WITH CERTAIN ENGINES. DETAILS SENT ON RECEIPT OF YOUR CATAMARAN AND ENGINE SPECIFICATION.

**DRY WEIGHT** 40 Kg, 43 Kg, 45 Kg, 50 Kg.

**SHIPPING WEIGHT** 50 Kg, 53 Kg, 55 Kg, 60 Kg.  
(PACKED WITH ACCESSORIES)

**SHIPPING VOLUME** .25 Mtr .27 Mtr .29 Mtr .32 Mtr

**UNIT LENGTH** .8 Mtr .9 Mtr 1 Mtr 1.2 Mtr



Spiral bevel gears now available, for quieter running.

Due to continual development Sillette - Sonic Ltd. reserve the right to alter, modify or replace any specification or design feature without prior notice.

Check your application in writing before ordering.

## Engine Adaptors and Flexible Couplings



## Engine Range

BL 1.5 DIESEL  
YANMAR DIESEL  
NANNI DIESEL  
PETER  
BMW  
VOLVO  
SOLE  
RENAULT

FORD 1100 cc PETROL  
LOMBARDINI  
WATERMOTA  
PERKINS  
BUKH  
ARONA  
STATUS  
BETA

In fact most engines within HP and TORQUE limit. Specify engine & gearbox when ordering adaptors.

**MARINE ENGINES AND MARINIZING SUPPLIED**

AN EXTENSIVE RANGE OF PROPELLERS, COUPLINGS, ADAPTORS, SPARE PARTS, MORSE TELEFLEX CONTROLS, MARINIZING & FITTING OUT EQUIPMENT AVAILABLE.  
- WORLDWIDE MAIL ORDER SERVICE -

ALSO AVAILABLE  
SONIC SAIL DRIVES - 2 MODELS  
SONIC STERN DRIVES - 3 MODELS  
REDUCTION GEARBOXES  
ONBOARD SERVICE KITS/TOOLS