

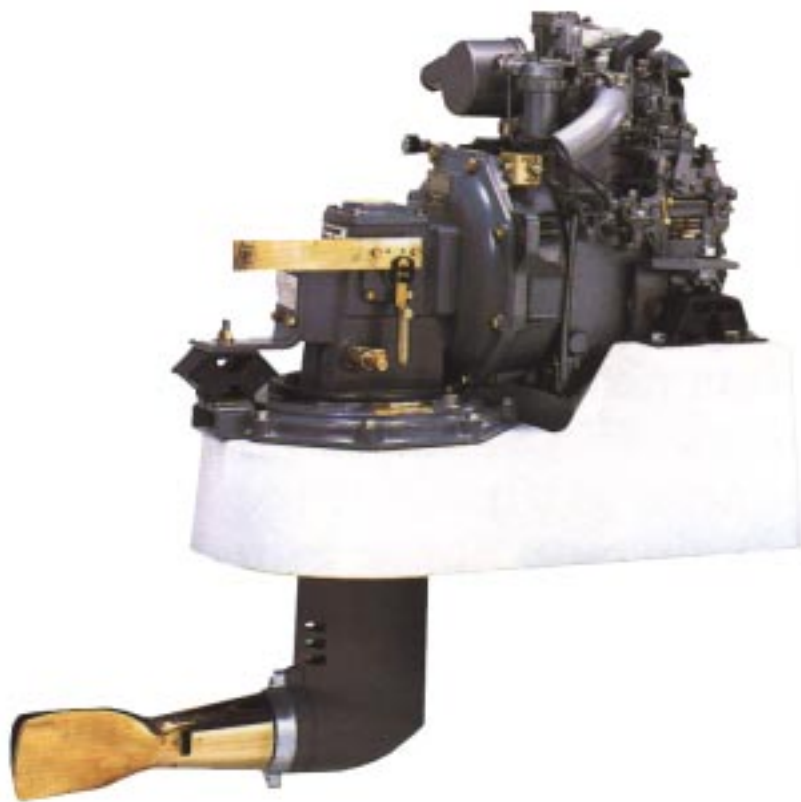
1GM10C

9.1hp (6.7kW)

YANMAR
MARINE DIESEL ENGINES



the *only*
choice in
yacht
auxiliary
engines.



The Saildrive Series from **YANMAR**, are a series of different classes of engines with fitted saildrives. They have led the market for over fifteen years.

This is why...

- **Reliability**

The dual diaphragm virtually eliminates leakages. It is made of a tough, resilient material which is virtually crack-proof to resist damage from any knocks.

- **Safe**

The tough membrane is backed up by an inner sub-diaphragm. Between these two walls is an automatic sensor that sends a warning to the cockpit if there's a leakage.

- **Flexible**

The compact design of the Saildrive allows the boat builder to play with many design options. The lower drive and gear section can be turned 180° to suit the keel hull design.

- **Comfort**

Vibration has been kept at a low level. The dual diaphragms stop any contact between the drive and the hull, so there's less transmission.

Technical Details

Engine and Block

- Anti-vibration mounts fitted as standard.
- Both engine and block cylinder head are manufactured from high grade cast iron.
- Compact design.

Fuel System

- Easily replaceable spin-on type fine fuel filter.

Cooling System

- Established raw water cooling.
- Sea water cooling.

Exhaust System

- Sea water cooled exhaust elbow.

Lubrication System

- Spin-on fullflow oil filter for ease of maintenance.

SPECIFICATIONS

Model	1GM10C
Configuration	4-stroke, vertical, water cooled diesel engine
Number of cylinders	1
Bore and stroke	75 x 72 (2.95 x 2.83)
Displacement	0.318 (19.41)
Continuous rating output at crankshaft	8.2hp/3400rpm (5.9kW/3400rpm)
Maximum output at crankshaft	9.1hp/3600rpm (6.7kW/3600rpm)
Combustion system	Special swirl type pre-combustion chamber
Starting system	Electric with manual
Cooling system	Direct seawater cooling
Lubrication system	Forced lubrication with trochoid pump
Saildrive model	SD20
Reduction gear system	Constant mesh gear with dog clutch
Reduction ratio Ahead/Astern	2.64/2.64
Propeller speed rpm at cont. rating	1289
Direction of rotation	Counterclockwise viewed from stern
Lubricating system	Splash lubrication
Dry weight with saildrive	104kgs (229lbs)

ACCESSORIES

Installation

Flexible engine mount ●

Instrumentation and electrical

A-type instrument panel ●

B-type instrument panel ▲

Control

Side-mount type single control head (MOSE:MV) ▲

Others

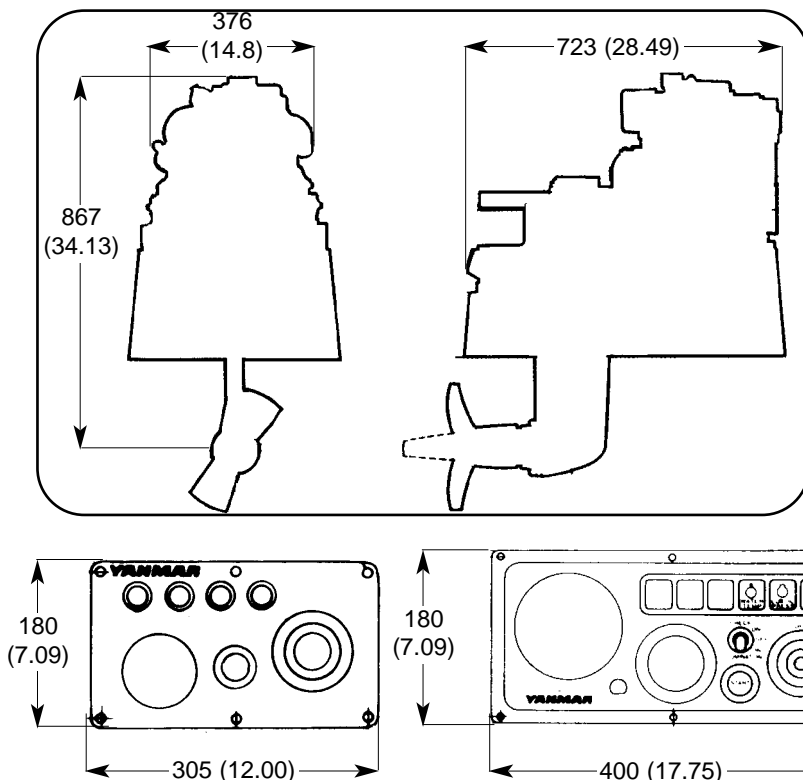
Spare parts kit ▲

INSTRUMENT PANEL

	A-type	B-type
Key switch	●	●
Push button switch for engine stop	●	●
Alarm Buzzer		
C.W high temperature	●	●
L.O low pressure	●	●
Alarm lamp unit		
Battery not charging	●	●
C.W high temperature	●	●
L.O low pressure	●	●
Tachometer	-	●
Tachometer illumination switch	-	●

Standard: ● Option: ▲ Not available: -

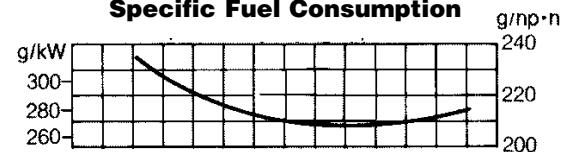
DIMENSIONS



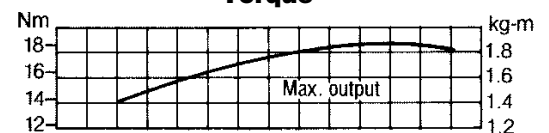
All measurements mm (inch)

PERFORMANCE CURVES

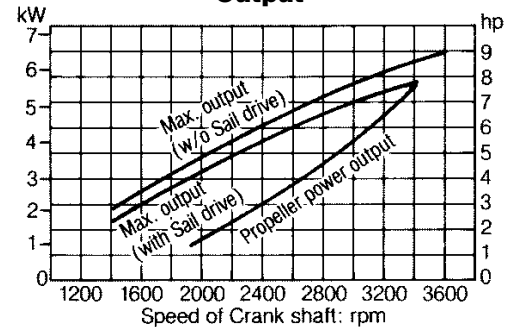
Specific Fuel Consumption



Torque



Output



SPECIALIST DEALER

E. P. BARRUS LTD. Launton Road, Bicester, Oxon, OX26 4UR.

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