



Power, performance and durability

Water draining air intake duct

Four-stroke, 16-valve SOHC, in-line, 4 cyl

Multi-point fuel injection - EFI

Long intake manifold, single throttle

Blow-by gas reburning system

Labyrinth exhaust

Two piece upper case

Combined upper case with oil pan

Water-sealed outer wall

LAN digital network system (optional)

DNG gauges (optional)



Prime start

ECM control

Vapor reduction fuel return system

Vapor burning system

Variable trolling RPM switch

Large water separator

Long-span mounting system

Single action steering friction

Multi-function tiller handle

Freshwater flushing device

YAMAHA Y-COP Immobiliser system

Over-rev limiter

Over-heat warning

YDIS

Start-in-gear protection

Low oil pressure warning

Fail-safe system

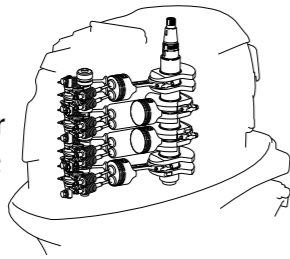
Special aluminum alloy: YDC30

Anodic coating (Alumite)

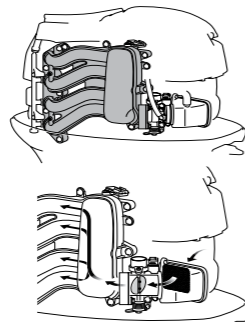
Self-sacrificing anodes

Yamaha F70

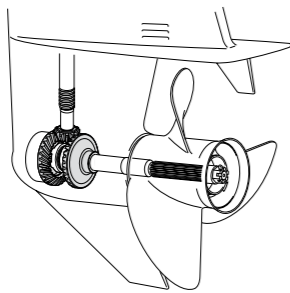
The advanced, lightweight powerhead design features a single overhead camshaft (SOHC) with four valves per cylinder, for maximum power and efficiency. A large intake valve area with lightweight pistons and valves give class leading horsepower-per-litre.



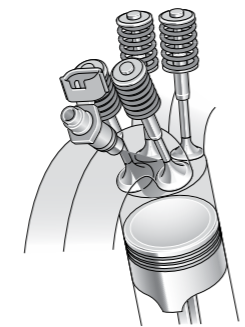
Air enters the engine via a single throttle valve which controls the exact amount of air required for optimum performance and fuel efficiency. It then enters each cylinder through individual long intake tracks, which are 'pulse tuned' to match the engine timing for maximum power.



The Yamaha F70 provides outstanding "out of the hole" acceleration thanks in part to the lower gearcase design which features a high 2.33:1 gear ratio, plus specially hardened pinion, forward and reverse gears for increased durability.



Electronic fuel injectors deliver the exact amount of fuel needed for optimum performance and economy. Controlled by the ECM via input from an array of engine sensors, their location just above the intake valves enhances fuel atomisation, resulting in more efficient combustion.



A Versatile Performer Yamaha's new Four-Stroke F70A

Yamaha's all-new F70AETL is clearly the lightest four-stroke motor available in the class and delivers an impressively high level of power and performance for its very compact size.

The F70 takes advantage of the latest cutting edge technology to produce a reliable, fuel-efficient, smooth and ultra quiet engine.

It's perfectly suited to a great many types of boat and is equally at home in a commercial role as it is in the leisure and water sports environment, offering the best horsepower-per-litre ratio in the 70hp class.

Rigging and Controls



DNG round or square multifunction digital instruments use LAN wiring.



Top mount, flush and side mount remote control options, with built-in or separate ignition switch panel & safety lanyard, for consoles or cockpit layouts.



Optional multifunction tiller arm with gear change, throttle, PIT and ignition.



Suits cable & hydraulic steering systems. Optional stainless transom bolt lock.



Wide choice of aluminium and stainless steel propellers to suit every application

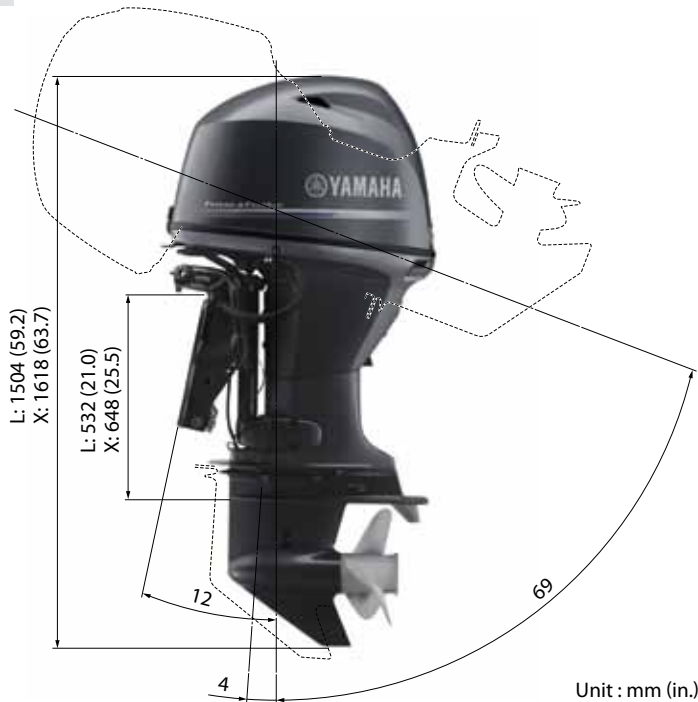
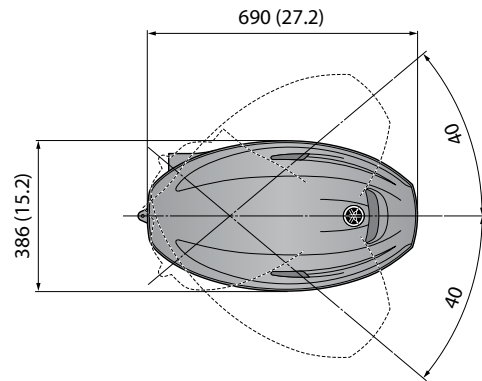


TECHNICAL SPECIFICATIONS – F70AETL

Engine type	4-stroke • 4 cylinder in line
Valves	16-valve • SOHC
Displacement	996 cc
Bore x stroke (mm)	65 x 75
Prop shaft output	51.5kW (70ps) at 5800rpm
Full throttle rpm range	5300-6300rpm
Fuel induction system	Electronic Fuel Injection
Exhaust	Through propeller hub
Lubrication system	Wet sump
Oil pan capacity (ltrs)	2.1
Ignition system	TCI micro-computer
Starting system	Electric
Alternator output	12V 17Amp rectifier regulator
Gear shift	F-N-R
Gear ratio	28:12 (2.33:1)
Trim & Tilt	Wide-range power trim & tilt
Recommended boat transom height (mm) L:	508
Dry weight with prop (kg) L:	118 (estimated)

FEATURES

- Y-COP remote ignition system immobiliser
- NMEA 2000 compatible engine data feed
- Yamaha DNG instrument system
- Optional multi-function Tiller Arm
- Fresh water flushing point
- Large choice of propellers and rigging options
- CARB 3 Star and RCD (EU 2006) emission rating



Unit : mm (in.)

Specifications and colours are subject to change and are not a contractual description of the product. Boats are being driven by professional users and pictures are not intended to imply any normal operating procedure. Always wear a life preserver and abide by the local regulations and maritime laws when using your boat. Drive responsibly and protect the environment. Your Yamaha dealer will be able to advise the best rigging and propeller options for your type of boat. Please consult your Authorised Yamaha Marine dealer for further information.

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