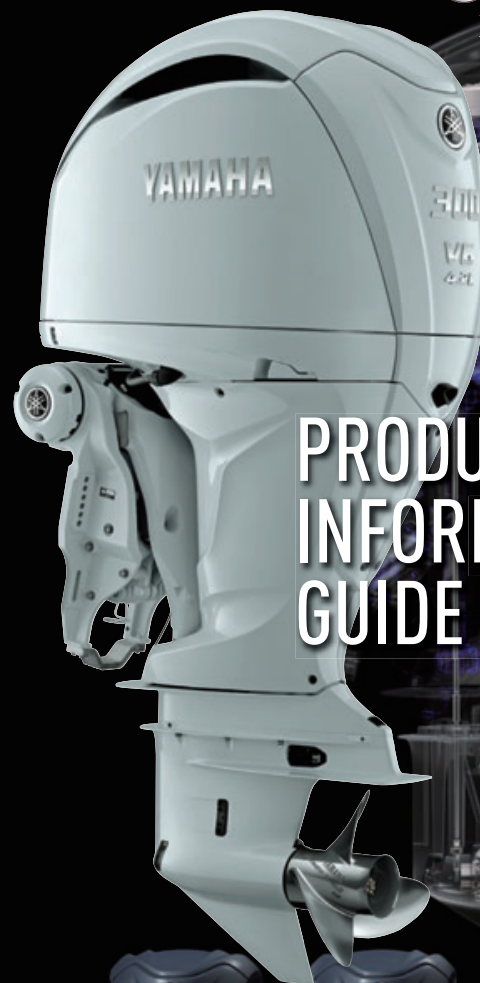




PRODUCT INFORMATION GUIDE **2021**



YAMAHA OUTBOARD MOTORS



INTRODUCTION

This Product Information Guide is issued to provide sales persons of Yamaha distributors and dealers with the latest and correct information about Yamaha’s outboards. This booklet lists full information about all models to be released.

Read this guide thoroughly to study fundamental knowledge about those Yamaha’s outboards and their selling points.

Whenever and wherever your customers have specific questions about their interested products, refer to this source readily to provide them with the most satisfactory answers with great confidence in the source.

In addition, this booklet will be renewed yearly.

As models and specifications vary depending on the country/region, please check the catalog and other sources for details.

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LINE-UP

FEATURES

4-STROKE

2-STROKE

ACCESSORIES

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YAMAHA OUTBOARD MOTORS LINE-UP



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4-STROKE OUTBOARD MOTORS

F2.5B



► P. 42

1-cyl., 72 cm³

F4B/F5A/F6C



► P. 46

1-cyl., 139 cm³

F8F



► P. 50

L2, 212 cm³

FT25F



► P. 70

L2, 498 cm³

F25G

Fuel Injection



► P. 74

L2, 432 cm³

F30B/F40F

Fuel Injection



► P. 78

L3, 747 cm³

F40J

Commercial



► P. 82

L3, 747 cm³

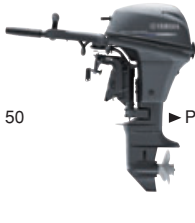
FT8G



► P. 50

L2, 212 cm³

F9.9J



► P. 54

L2, 212 cm³

FT9.9L



► P. 54

L2, 212 cm³

F50D

Commercial



► P. 86

L4, 935 cm³

FT50C

Commercial



► P. 86

L4, 935 cm³

F50H/F60F

Fuel Injection



► P. 90

L4, 996 cm³

FT50J/FT60G

Fuel Injection



► P. 94

L4, 996 cm³

F15C/F20B



► P. 58

L2, 362 cm³

F20C

Commercial



► P. 62

L2, 362 cm³

F20G

Fuel Injection



► P. 66

L2, 432 cm³

F25D



► P. 70

L2, 498 cm³

F70A

Fuel Injection



► P. 98

L4, 996 cm³

F100B

Commercial



► P. 114

L4, 1596 cm³

F75F/F100G

Fuel Injection



► P. 102

L4, 1832 cm³

4-STROKE OUTBOARD MOTORS

**F75D/F80D/
F90C/F100F**
Fuel Injection



► P. 106

L4, 1832 cm³

F90D
Fuel Injection



► P. 110

L4, 1832 cm³

F115B/FL115B
Fuel Injection



► P. 118

L4, 1832 cm³

F115C
Fuel Injection



► P. 122

L4, 1832 cm³

**F200C/FL200C/
F225B/FL225B**
Fuel Injection



► P. 158

V6, 3352 cm³

F225D/F250C
Fuel Injection



► P. 162

V6, 4169 cm³

F200H/F250J
Fuel Injection



► P. 166

V6, 4169 cm³

F130A
Fuel Injection



► P. 126

L4, 1832 cm³

F150D/FL150D
Fuel Injection



► P. 130

L4, 2670 cm³

F150F/FL150F
*Fuel Injection
Commercial*



► P. 134

L4, 2670 cm³

F150C
Fuel Injection



► P. 138

L4, 2785 cm³

**FL225H/F250L/FL250L/
F300C/FL300C**
Fuel Injection



► P. 178

V6, 4169 cm³

**FL225F/F250D/FL250D/
F300B/FL300B**
Fuel Injection



► P. 170

V6, 4169 cm³

F300D/FL300D
*Fuel Injection
Commercial*



► P. 174

V6, 4169 cm³

**F175A/F200F/
FL200F**
Fuel Injection



► P. 142

L4, 2785 cm³

**F150G/FL150G/
F175C/FL175C/
F200G/FL200G**
Fuel Injection



► P. 146

L4, 2785 cm³

F175B
Fuel Injection



► P. 150

L4, 2785 cm³

**F200B/FL200B/
F250H/FL250H**
*Fuel Injection
Commercial*



► P. 154

V6, 3352 cm³

**F225J/FL225J/F250P/
FL250P/F300G/FL300G**
Fuel Injection



► P. 182

V6, 4169 cm³

**F250N/FL250N/
F300F/FL300F**
Fuel Injection



► P. 186

V6, 4169 cm³

**F375A/FL375A/
F425A/FL425A**
Fuel Injection



► P. 190

V8, 5559 cm³

2-STROKE OUTBOARD MOTORS

2D



► P. 246

1-cyl., 50 cm³

3B



► P. 250

1-cyl., 70 cm³

4C/4D



► P. 254

1-cyl., 103 cm³

60F/70B



► P. 320

L3, 849 cm³

85A



► P. 328

L3, 1140 cm³

9.9F/15F



► P. 274

L2, 246 cm³

25B/30H



► P. 286

L2, 496 cm³

150A/L150A/
200A/L200A



► P. 332

V6, 2596 cm³

40X



► P. 302

L2, 703 cm³

40V/50H



► P. 310

L3, 698 cm³

2-STROKE OUTBOARD MOTORS

E8D

Enduro



► P. 258

L2, 165 cm³

EK8D

Enduro Kerosene



► P. 262

L2, 165 cm³

E9.9D/E15D

Enduro



► P. 266

L2, 246 cm³

E40X

Enduro



► P. 306

L2, 703 cm³

E60H

Enduro



► P. 316

L3, 849 cm³

EK9.9D/EK15D

Enduro Kerosene



► P. 270

L2, 246 cm³

E25B

Enduro



► P. 278

L2, 496 cm³

E75B

Enduro



► P. 324

L3, 1140 cm³

EK25B

Enduro Kerosene



► P. 282

L2, 496 cm³

E40G/E40J

Enduro



► P. 292

L2, 669 cm³

EK40G

Enduro Kerosene



► P. 298

L2, 669 cm³

MODEL VARIATION

FT Category	60 Indicated Output	G Product Generation	EHD Functions	Color Code	X Transom Height
E: Enduro F: 4-Stroke K: Kerosene L: Counter rotation T: High thrust No Marking: Standard 2-stroke	2-425	A and up	Starting M: Manual starter E: Electric starter W: Manual & electric starter Control H: Tiller handle C: Tiller handle & remote control S: Built-in DES (SBW) and electric start V: Built-in DES (SBW) and electric start and power generation improvement or other additional functions No Marking: Remote control (Without tiller handle) Tilt system D: Hydro tilt P: Power tilt T: Power trim and tilt No Marking: Manual tilt Lubrication system O: Oil Injection No Marking: Pre-mixed petrol	2: White 7: Unpainted No Marking: Gray	S: 15in L: 20in Y: 22.5in X: 25in U: 30in E: 35in

	Starting		Control			Tilt system				Lubrication	
	Hand starter	Electric motor	Tiller handle	Remote control	DES (SBW)	Mechanical	Hydro- assist	Power tilt	Power trim & tilt	Premix	OIL injection
Type	4-stroke & 2-stroke									2-stroke	
E		●		●		●				■	
ED		●		●			●			■	
EO		●		●		●					■
EH		●	●			●					
EP		●		●				●			
ET		●		●					●	■	
ETO		●		●					●		■
EHD		●	●				●			■	
EHP		●	●					●			
EHT		●	●						●		
MH	●		●			●				■	
MHO	●		●			●					■
MHD	●		●				●			■	
W	●	●		●		●				■	
WC	●	●	(●)	●		●				■	
WD	●	●	●	●			●			■	
WH	●	●	●			●				■	
WP	●	●		●				●			
WHD	●	●	●				●			■	
WHTO	●	●	●						●		■
WT	●	●		●					●	■	
WHP	●	●	●					●			
WHT	●	●	●						●		
ST		●			●				●		
VT		●			●				●		

MODEL VARIATION

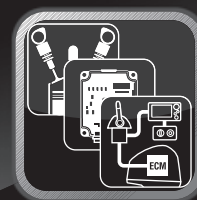
LF Category	350 Output	X Transom Height	Starting & tilt system	C Control	B Generation	Color Code
F: 4-Stroke L: Counter rotation T: High thrust V: V MAX series X: XTO offshore series	2.5 - 425	S: 15in L: 20in X: 25in U: 30in E: 35in J: Jet N: Without lower unit	Blank: PTT & electric start P: Power tilt & electric start E: Electric start M: Manual start W: Manual & electric starter	Blank: Remote control H: Tiller handle C: Command link = DEC (DBW) S: Built-in DES (SBW) and electric start	A: 1 st change B: 2 nd change C: 3 rd change	2: White 7: Unpainted No Marking: Gray

Transom	Variation	Starting		Tilt system			Control			Generation
		Hand starter	Electric motor	Mechanical	Power tilt	Power trim & tilt	Tiller handle	Remote control	DES (SBW)	
S L X U J E	Blank		●			●		●		A B C
	C		●			●		●		
	E		●			●		●		
	H		●			●	●			
	P		●		●			●		
	W	●	●	●				●		
	EH	●	●	●			●			
	MH	●	●	●			●			
	PH		●		●		●			
	WH	●	●	●			●			
	WT	●	●			●		●		
	S		●			●			●	

NOTES

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FEATURES & BENEFITS



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FEATURES & BENEFITS



Anodic coated components

Hard anodizing provides highly corrosion resistance and guards exhaust gas passage from high temperature corrosion.



Balanced carrying handle

The handle is located near the motor's center of gravity so the weight is well balanced for easy carrying and mounting.



Battery isolator

One battery starts the engine, the other supplies power to instruments and accessories, so there is always ample starting power.



Blow-by gas reurning system (4-stroke)

Removes any oil in the blow-by gases and returns only the fuel to the combustion chamber through the intake system, keeping the exhaust gases clean.



Closed fuel vapor system

In order to prevent atmospheric pollution, Yamaha's closed fuel vapor confinement system clearly burns the fuel vapor generated during the engine stopping.



Counter-rotation system

Combines two outboards with opposite rotations, maintaining a neutral helm and reducing steering torque. (Two clockwise-rotating propellers turn the boat to starboard.)



DOHC direct action (4-stroke)

Has 1 cam for the intake valves and 1 cam for the exhaust valves for more precise valve timing control for increasing engine performance. Also the rocker arms and adjustments are eliminated for increased reliability and less maintenance.



Decompression easy start (4-stroke)

Provides for easier starting with less pulling force.



Digital electronic throttle and shift control

The electronic throttle and shift control system ensures smooth throttle operation with good response, and provides sure, highly reliable shifting.



Digital electronic throttle control

The electronic throttle system enable smooth and reliable throttle operations.

FEATURES & BENEFITS



Digital network system

The digital network system controls engine speed, shift control, start/stop and security system. Also transfer the engine data to the instruments, concentrated by simple data cable.



Direct Ignition (4-stroke)

The plug cap has a built-in ignition coil which reduces wiring and is much simpler and compact in design.



Dual thrust propeller

The large diameter prop with unique exhaust passage emits exhaust gas in the opposite direction to prevent prop slip in reverse gear, and delivers high thrust in both forward and reverse, for the heavy boats.



Dual water inlet

Dual, forward- and sidemounted water inlets operate independently (as pairs) to help keep the engine cool in a variety of applications and conditions.



ECM: Engine control module

Yamaha's microcomputer control system constantly monitors engine conditions, adjusting ignition timing and fuel-air mixture to provide optimum combustion for sure start, maximum performance, excellent fuel efficiency, and clean exhaust. It also prevents overheating and over-rev and controls the safety system such as low-oil-pressure and low-oil-level.



Electro-deposition paint process

An electro-deposition paint process makes fine paint film onto the aluminium surface and guards the components from corrosion.



Energy advisor mark

The throttle is marked to show the most fuel-efficient operating position.



Engine stop switch lanyard

This lanyard clips to clothing or around the wrist, stopping the engine immediately if the operator leaves the helm.



Exhaust pressure reduction system

Reduces exhaust pressure to increase exhaust efficiency for enhancing output power and cools rubber damper on propeller for reliability.

FEATURES & BENEFITS



Extremely durable crankshaft

The crankshaft is made of a specially hardened material for longer engine life, and the engine is well balanced for lower vibration.



Fail-safe system

Keeps engine running if any of the sensors failed.



Flywheel damper

A built-in rubber damper to reduce any engine vibration for a smooth, pleasant boating experience.



F-N-R gear shift

The smooth forward-neutral-reverse gear shift is easy to operate, providing excellent maneuverability.



Forged piston (4-stroke)

Exhibits higher tensile strength against fatigue, and high temperatures. It is lightweight, and has excellent anti-wear and anti-seizing quality.



Freshwater flushing device

The engine does not need to be running to effectively flush the unit. By regularly flushing the engine, long term corrosion durability is assured.



Front shift

The shift lever is located on the front of the engine for easy accessibility and comfortable operation.



Hard anodized muffler/lower casing

Hard anodizing provides highly corrosion resistance and guards exhaust gas passage from high temperature corrosion.



Gas assist hydro-tilt with shallow water drive

An oil-filled cylinder provides extra power to make tilting up the motor much easier. A trim adjustment valve enables finer position setting for shallow water drive.



Hard-chrome-plated water pump

Plating the inside of the water pump with hard-chrome helps to prevent wear in muddy water and maintain high performance.



High output alternator

The high-output alternator contained in the engine can be used as a source of electricity to operate engine and electric accessories.

FEATURES & BENEFITS



High-precision intake and exhaust tuning

Extremely modified intake and exhaust passage increases combustion efficiency for maximum performance and better economy.



Hydrodynamic designed lower unit

The lower unit has a precision designed, streamlined shape to ensure highest speed and reduce fuel consumption.



In-bank exhaust (4-stroke)

The intake tracks enter the engine heads from the outward side, between the cylinder bank like two-stroke V6 engine. The system is Yamaha's exclusive technology that enhances performance while slashing down the weight and the size.



Built-in fuel tank

A fuel tank is provided inside the cowling, eliminating the need for a separate tank and saving space inside the craft.



Knocking control

The knock sensor provides reliability against knocking in addition to combustion efficiency, good engine performance, excellent fuel consumption and quick start-up.



Labyrinth exhaust system

Minimizes the noise at low rpm range that gradually expands the exhaust through the labyrinth in upperside.



Large capacity water pump

The large, high-efficiency water pump prevents engine overheating by ensuring more than enough cooling water in any condition.



Large capacity water separator

Separates and eliminates all water and impurities from the fuel. This pure fuel supply helps to extend engine life.



Large, durable bearings

Yamaha uses extremely large, durable bearings to further extend engine life.



Location exchangeable PTT switch

The external PTT switch can be moved to either side of the bottom cowling for easy access on twin engine applications.



Long intake system (4-stroke)

Increases the air velocity into the engine for added torque and performance.

FEATURES & BENEFITS



Long-life piston/piston ring

The high-rigidity piston is made of a material that ensures optimum thermal flow. The piston ring has minimal friction resistance and good heat conductivity.



Long-span mounting system

The large rubber mounts and the long vertical length between the upper and lower mounts serve to reduce vibration.



Low oil pressure warning (4-stroke)

When oil pressure falls below fixed pressure in four-stroke, engine speed reduces and light and/or buzzer alert the operator.



Magnetic drain plug

The oil plug is magnetized to collect any iron particles in the oil, keeping them from circulating and causing damage to the gears.



Maintenance-free CDI

The unitized capacitor discharged ignition system provides a strong spark and precise timing, preventing plug fouling, improving starts and reducing maintenance.



Manual (recoil) starter

The engine can be easily started by lightly pulling the starter knob in front of the top cowling.



Microcomputer control

Provides sure starts, and optimum combustion for high performance and fuel efficiency, and manages the engine warning system.



Multi-function digital speedometer

Refined and compact design. This is an easy-to-see and easy-to-use multi-function digital meter having the functions of a fuel meter, trim meter, clock and volt meter as well as that of a speedometer.



Multi-function digital tachometer

Refined and compact design. This is an easy-to-see and easy-to-use multi-function digital meter having the functions of a trim meter, oil level warning indicator and over-heat warning indicator as well as that of a tachometer.



Multi-function tiller handle

The shift lever, throttle friction function, neutral throttle limiter, and engine stop switch lanyard are all conveniently located on the tiller handle.

FEATURES & BENEFITS



Multi-point electronic fuel injection

Multi-Point Precision Electronic Fuel Injection is controlled by the Engine Control Module, which continually adjusts the fuel/air mix to match engine load and speed.



Offset cylinder

Allows added power with a more compact design and provides even firing order for a smoother and quieter running engine.



Oil injection (2-stroke)

Eliminates the need to pre-mix gas and oil by injecting the precise amount of oil directly into the intake manifold. This also ensures quick response to the engine's oil demands and minimizes oil consumption.



Oil seal protector

This protector prevents the oil seal from becoming damaged by leakage of oil if a fishing line wraps around the propeller.



One touch start/stop

The one-button control start/ stop switch panel literally allows multiple engines to be started or stopped with the press of a single button.



Overheat warning

If the water inlet is blocked, this system prevents overheating by reducing engine speed and warning the operator by a light and/or buzzer.



Over-rev limiter

Acts automatically to stop over-revving caused by cavitation and so on, to prevent the engine from becoming damaged.



Pilot water hole

Zero or low flow from the pilot water hole warns the operator to turn off the engine and check the water inlet for blocking.



Plasma-fused sleeveless cylinder

Plasma-fused sleeveless cylinders allowed us to enlarge cylinder bores without increasing cylinder dimensions.



Power trim and tilt

A switch-controlled power tilt system allows effortless trim adjustment and up/down tilting for faster planing and shallow water drive.

FEATURES & BENEFITS



Prime start

Yamaha's choke-less operation is automatic and provides sure and quick starting in all climates.



Pulse tuning (2-stroke)

By combining superior exhaust manifold design with an ideal crankshaft arrangement, none of the fuel mixture is lost out the exhaust port, for maximum mid-range performance and best fuel economy.



Self-sacrificing anodes/multi-anodes

Yamaha uses strategically placed aluminum and zinc anodes for maximum corrosion protection.

These anodes are even larger than necessary, ensuring total effectiveness.



Shallow water drive

The outboard can be set at a tilt angle, preventing it from hitting the bottom when operating in shallow water.



Shift dampener system (SDS) propeller

Yamaha's exclusive new smooth shift damper system greatly reduces noise commonly associated with shifting gears.



Single action steering friction

Adjusts steering tension at the touch of a fingertip.



Single belt drive system (4-stroke)

Uses fewer moving parts and is simple in design for long term durability.



Single ram PTT

Power trim and tilt cylinders are combined into a single unit for compactness, high performance, good response and smooth, quiet operation.



Single throttle body (4-stroke)

A simple and lightweight design for greater reliability and quick and easy adjustment if ever needed.



Special aluminum alloy: YDC-30

Developed for major exterior parts of the motors after years of research and testing, YDC-30 offers truly superior anti-corrosion properties.



Speedometer pitot tube

The lower unit is equipped with a pickup sensor, so speedometer operation does not require a separate pickup.

FEATURES & BENEFITS



Splined propeller shaft

Increases propeller strength to prevent damage if propeller strikes an object and eliminates the need for shear pin replacement.



Spiny outer cylinder sleeve

Keeps roundness of the cylinder for higher cooling efficiency and reduced oil consumption.



Stainless steel propeller

A durable, anti-corrosive propeller built for superior performance, excellent anti-cavitation and long life.



Start in-gear prevention

The engine will not start while it is in gear, preventing sudden movement and engine damage.



Steering friction adjustment

Steering friction can be adjusted to be heavier at lower speeds and lighter at higher speeds, for more steering.



Sturdy gears and gear case

The gears and the gear case, built tough and durable, can withstand collisions with rocks and other objects.



Thermostatic cooling control

Maintains optimal engine temperature at all times and lengthens engine life by lessening the thermal load.



Throttle control in neutral

Limits throttle movement in neutral to prevent over-revving that could cause engine damage.



Throttle friction

Throttle friction can be fine-tuned with an adjusting knob, and can be locked in place.



Through-hub exhaust propulsion

Exhaust gas is expelled through the propeller, maximizing exhaust efficiency and providing higher power and better fuel mileage.



Trawler tilt switch

Makes it convenient to tilt the motor from outside the craft, useful for trawling.



Twin balance shaft (4-stroke)

Counteract vibration associated with the twin balance shaft engaged with the crankshaft minimizes engine vibration.

FEATURES & BENEFITS



Variable camshaft timing (4-stroke)

The actuator rotates to advance and retard intake camshaft timing to increase low and mid-range torque.



Variable trolling switch

Allows the adjustment of preferred trolling speed in between approx. 600-1000 r/min at 50 r/min steps.



Water draining air intake system

Catch the water got into the air intake of the top cowl and drain out through the pipe for keeping the engine dry for added reliability.



Waterproof air duct

Ensures that only air is taken in through the cowl, preventing engine trouble due to water and minimizing engine noise.



Water tight cowl

Top and bottom cowl are fully sealed to prevent water from entering, protecting the engine and suppressing engine noise for more comfortable cruising.



Water sealed outer wall

Reduces exhaust noise and enhances cooling which protects the exhaust system against corrosion.



Wide range PTT

Allows trim all the way to -4° Negative trim increases acceleration and reduces planing time. Power tilt means effortless trim adjustment and tilt-up.



Yamaha security system

This computerized security system is incorporated in the digital network system and disable/enable the ignition system with the paired wireless key.



YDIS: Yamaha diagnostic system

A personal computer is connected the ECM for easier diagnostic and accurate engine serviceability. Diagnose engine trouble easily and accurately to improve serviceability.



16-Valve DOHC in line 4 (4-stroke)

1 cam for the intake valves and 1 cam for the exhaust valves provide more precise valve timing control. The cylinder head features two valves for intake and exhaust each one for more power.

FEATURES & BENEFITS



360° Steering

Full circle steering means exceptional maneuverability and reverse without the need to shift gears.



Multi-Layer Paint Process

Multi-layer painting process has been adopted. Oxidized Zr (zirconium) undercoating, and an environmentally-friendly chrome-free primer is applied as coating. This paint coating has superior performance against saltwater corrosion, and avoids deterioration due to strong sunlight and ultraviolet rays.

YAMAHA 4-STROKE OUTBOARD MOTORS



**PRODUCT
INFORMATION
GUIDE
2021**

Carburetor	
2.5~6 PS	** F2.5B ▶ P. 42 1-cyl. 72cm ³
	*** F4B ▶ P. 46 1-cyl. 139cm ³
	*** F5A ▶ P. 46
	*** F6C ▶ P. 46
8~20 PS	*** F8F ▶ P. 50 L2 212cm ³
	*** *1*2 FT8G ▶ P. 50
	*** F9.9J ▶ P. 54
	*** FT9.9L ▶ P. 54
25 PS	*1 F9.9H L2 362cm ³
	*** F15C ▶ P. 58
	*** F20B ▶ P. 58
	*** *C F20C ▶ P. 62
40 PS	*** F25D ▶ P. 70 L2 498cm ³
	*** FT25F ▶ P. 70
	*C F40J ▶ P. 82 L3 747cm ³
	** *C F50D ▶ P. 86 L4 935cm ³
50 PS	** *C FT50C ▶ P. 86
	** *C F100B ▶ P. 114 L4 1596cm ³

Fuel Injection	
20~70 PS	*** F20G ▶ P. 66 L2 432cm ³
	*** F25G ▶ P. 74
	*** F30B ▶ P. 78 L3 747cm ³
	*** F40F ▶ P. 78
	*1 F40H L4 996cm ³
	*** F50H ▶ P. 90
	*** FT50J ▶ P. 94
	*** F60F ▶ P. 90
	*** FT60G ▶ P. 94
	*1 F40G L4 996cm ³
70~100 PS	*** F70A ▶ P. 98

Fuel Injection	
75~130 PS	*** *C F75F ▶ P. 102 L4 1832cm ³
	F75D ▶ P. 106 L4 1832cm ³
	F80D ▶ P. 106
	F90C ▶ P. 106
	F100G ▶ P. 102
	F100F ▶ P. 106
	*** F115B ▶ P. 118 L4 1832cm ³
	*** FL115B ▶ P. 118
	*** F130A ▶ P. 126
	*** F150D ▶ P. 130 L4 2670cm ³
150 PS	*** FL150D ▶ P. 130
	*** *C F150F ▶ P. 134
	*** *C FL150F ▶ P. 134
	*** F175A ▶ P. 142 L4 2785cm ³
	*** F200F ▶ P. 142
	*C F200B ▶ P. 154 V6 3352cm ³
	*C FL200B ▶ P. 154
	*C F250H ▶ P. 154
	*C FL250H ▶ P. 154
	*** F200C ▶ P. 158 V6 3352cm ³
175~300 PS	*** FL200C ▶ P. 158
	*** F225B ▶ P. 158
	*** FL225B ▶ P. 158
	F225H ▶ P. 178 V6 4169cm ³
	FL225H ▶ P. 178
	F250L ▶ P. 178
	FL250L ▶ P. 178
	F300C ▶ P. 178
	FL300C ▶ P. 178
	*** F250C ▶ P. 162
VMAX	
300 PS	*** F90D ▶ P. 110 L4 1832cm ³
	*** F115C ▶ P. 122 L4 1832cm ³
	*** F150C ▶ P. 138 L4 2785cm ³
	*** F175B ▶ P. 150
	*** F200D ▶ P. 162 V6 4169cm ³
	*** F200H ▶ P. 166
	*** F225D ▶ P. 162
	*** F250J ▶ P. 166
	*** F250C ▶ P. 162
	*** F250J ▶ P. 166

*1 : EU

** : EPA2010/CARB2008 2-star (US/Canada models)

*C : Commercial Use

Exhaust Emission

*** : EPA2010/CARB2008 3-star (US/Canada models)

*** : EPA2010/CARB2008 3-star (US/Canada models)

4-STROKE MODELS LINE-UP

P: Page

COMMON SPECIFICATIONS

Digital Electronic Control			
150~300 PS	F150G	▶ P. 146 L4 2785cm ³	FL150G ▶ P. 146
	F175C	▶ P. 146	FL175C ▶ P. 146
	*** F200G	▶ P. 146	*** FL200G ▶ P. 146
	*** F225F	▶ P. 170 V6 4169cm ³	*** FL225F ▶ P. 170
	*** F250D	▶ P. 170	*** FL250D ▶ P. 170
	*** F300B	▶ P. 170	*** FL300B ▶ P. 170
	*** F300D	▶ P. 174 *C	*** FL300D ▶ P. 174 *C
	*** F225J	▶ P. 182 V6 4169cm ³	*** FL225J ▶ P. 182
	*** F250P	▶ P. 182	*** FL250P ▶ P. 182
	*** F300G	▶ P. 182	*** FL300G ▶ P. 182
375~425 PS	*** F250N	▶ P. 186 V6 4169cm ³	*** FL250N ▶ P. 186
	*** F300F	▶ P. 186	*** FL300F ▶ P. 186
	*** F375A	▶ P. 190 V8 5559cm ³	*** FL375A ▶ P. 190
	*** F425A	▶ P. 190	*** FL425A ▶ P. 190

*1 : EU
*2 : JJ
*C : Commercial Use

Exhaust Emission
★★ : EPA2010/CARB2008 2-star (US/Canada models)
★★★ : EPA2010/CARB2008 3-star (US/Canada models)

1) Emission rating

US/Canada models: EPA2010/CARB2008 3-star, 2-star
EU models: RCD

2) Recommended fuel

• Gasoline: Unleaded regular

F2.5B, F4B, F5A, F6C, F8F, FT8G, F9.9J, FT9.9L, F9.9H,
F15C, F20B, F20C, F20G, F25D, FT25F, F25G, F30B, F40H, F40F,
F40J, F50D, F50H, FT50C, FT50J, F60F, FT60G, F70A,
F75D, F75F, F80D, F90C, F90D, F100B, F100F, F100G,
F115B / FL115B, F115C, F130A, F150D / FL150D, F150F / FL150F,
F150G / FL150G, F175A, F175C / FL175C, F200B / FL200B,
F200C / FL200C, F200D, F200H, F225B / FL225B, F225F / FL225F,
F250D / FL250D, F225H / FL225H, F225J / FL225J, F250L / FL250L,
F250H, FL250H, F250P / FL250P, F250N / FL250N, F300D / FL300D

• Gasoline: Unleaded premium

F150C, F175B, F200F / FL200F, F200G / FL200G,
F225D, F250C, F250J, F300B / FL300B, F300C / FL300C,
F300G / FL300G, F300F / FL300F, F375A / FL375A, F425A / FL425A

3) Recommended engine oil

SAE								API
-4	14	32	50	68	86	104	122°F	SG SH SJ SL
-20	-10	0	10	20	30	40	50°C	
10W-30								
10W-40								
5W-30								SH SJ SL
15W-40								
20W-40								
20W-50								

4-STROKE

COMMON SPEC

F2.5B



F2.5B

MODEL CODE (Approved code)

F2.5B 6EG (6EG)

MODELS AVAILABLE

Tiller Handle

F2.5B MH

Dry weight
17, 18 kg

SPECIFICATIONS

Performance	F2.5B
Max. prop shaft output	1.8 kW (2.5 ps)
Full throttle operating range	5250 – 5750 r/min
Idling speed	1800 – 2000 r/min
Fuel consumption	(1.2 L/h @5500 r/min *reference data)

Engine	
Engine type	OHV, 1-cylinder
Displacement	72 cm ³
Bore × stroke	54.0 × 31.5 mm
Compression ratio	8.8 :1
Starting enrichment	Manual choke
Fuel induction system	1 carburetor
Lubrication system	Splash lubrication
Engine oil capacity	0.35 L
Ignition system	TCI
Ignition timing	BTDC 25.0 deg. (fixed)
Spark plug	CR6HSB
Alternator	— (not available)
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Under water

Bracket / Drive	
Trim	4 positions
Shallow water drive	— (not available)
Steering angle	360 deg. full pivot
Gear shift	F-N
Gear ratio	2.08 (27/13)
Gear oil capacity	0.075 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	S, L
Engine transom height	S: 433 mm (17.0 inch), L: 560 mm (22.0 inch)

MODEL CATEGORY

	F2.5B
All in one package	●

FEATURE TABLE

CATEGORY	FEATURE ITEM	F2.5B
Environment	Blow-by gas burning system	●
	Start in gear protection	—
Security	Over rev. limiter	—
	Lubrication checking window	●
	Low oil press. warning	—
Corrosion prevention	Stainless steel water pump housing	●
	Stainless steel water tube	—
	Carburettor	●
Power unit	Fuel injection	—
	Gasoline	Regular
Convenience	Auto decompression	●
	Carrying handle	●
	Built-in fuel tank	●
	2-way fuel supply system	—
	Auxiliary prime pump	—
	Oil leak prevention system	●
	180 deg. large steering angle	—
	360 deg. full pivot steering	●
	Tilt lock lever	●

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	F2.5B
	MH
Lighting coil kit	—
Electric starter kit	—
Rectifier-regulator	—

	F2.5B
PROPELLER	MH
• Traditional propeller	BS
• Weedless propeller	—
• Dual thrust propeller	—

	F2.5B
CONSUMES	MH
Yamalube 4	●
Yamalube gear oil (GL4)	●
Yamaha grease A	●
Yamaha grease D	●

— : N/A (Not available)

F4B F5A F6C



F6C

MODEL CODE (Approved code)

F4B	6EC (6EC)
F5A	6ED (6ED)
F6C	6EE (6EE)

MODELS AVAILABLE

Tiller Handle

F4B	MH
F5A	MH
F6C	MH

Dry weight
27, 28 kg

SPECIFICATIONS

Performance	F4B	F5A	F6C
Max. prop shaft output	2.9 kW (4 ps)	3.7 kW (5 ps)	4.4 kW (6 ps)
Full throttle operating range	4000 – 5000 r/min	4500 – 5500 r/min	
Idling speed	1450 – 1550 r/min		
Fuel consumption	1.7 L/h @4500 r/min	2.0 L/h @5000 r/min	2.2 L/h @5500 r/min
	*reference data		

Engine

Engine type	OHV, 1-cylinder
Displacement	139 cm ³
Bore × stroke	62.0 × 46.0 mm
Compression ratio	8.9 :1
Starting enrichment	Manual choke
Fuel induction system	1 carburetor
Lubrication system	Wet sump
Engine oil capacity	0.6 L
Ignition system	CDI
Ignition timing	BTDC 8.0 – BTDC 8.0 – BTDC 8.0 – BTDC 33.0 deg. BTDC 21.0 deg. BTDC 32.0 deg.
Spark plug	CR6HSB
Alternator	6 A with Rectifier regulator *optional
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Under water

Bracket / Drive

Trim	5 positions
Shallow water drive	3 positions
Steering angle	90 deg. each direction
Gear shift	F-N-R
Gear ratio	2.08 (27/13)
Gear oil capacity	0.100 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	S, L
Engine transom height	S: 435 mm (17.2 inch), L: 562 mm (22.2 inch)

4-STROKE

2.5-6 ps

MODEL CATEGORY

	F4B	F5A	F6C
All in one package	●	●	●

FEATURE TABLE

CATEGORY	FEATURE ITEM	F4B	F5A	F6C
Environment	Blow-by gas burning system	●	●	●
Security	Start in gear protection	●	●	●
	Over rev. limiter	●	●	●
	Lubrication checking window	●	●	●
	Low oil press. warning	—	—	—
Corrosion prevention	Stainless steel water pump housing	●	●	●
	Stainless steel water tube	—	—	—
Power unit	Carburettor	●	●	●
	Fuel injection	—	—	—
	Gasoline	Regular	Regular	Regular
Convenience	Auto decompression	●	●	●
	Carrying handle	●	●	●
	Built-in fuel tank	●	●	●
	2-way fuel supply system	●	●	●
	Auxiliary prime pump	●	●	●
	Oil leak prevention system	●	●	●
	180 deg. large steering angle	●	●	●
	360 deg. full pivot steering	—	—	—
	Tilt lock lever	●	●	●

OPTIONAL ACCESSORY GUIDE

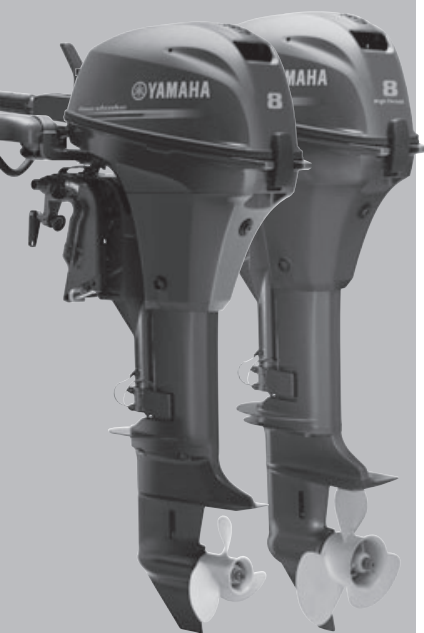
OPTIONAL ACCESSORY	F4B	F5A	F6C
	MH	MH	MH
Lighting coil kit	●	●	●
Electric starter kit	—	—	—
Rectifier-regulator	—	—	—

	F4B	F5A	F6C
	MH	MH	MH
PROPELLER			
• Traditional propeller	BA	BA	BA
• Weedless propeller	BA	BA	BA
• Dual thrust propeller	—	—	—

	F4B	F5A	F6C
	MH	MH	MH
CONSUMES			
Yamalube 4	●	●	●
Yamalube gear oil (GL4)	●	●	●
Yamaha grease A	●	●	●
Yamaha grease D	●	●	●

— : N/A (Not available)

F8F FT8G



F8F

FT8G

MODEL CODE (Approved code)

F8F	6FW (6FWK)
FT8G	6FX (6FXK)

MODELS AVAILABLE

Tiller Handle

F8F	MH
FT8G	MH*

Remote Control

F8F	E*
FT8G	E*, EP*

* : EU

Dry weight

F8F	40 – 43 kg
FT8G	43 – 49 kg

SPECIFICATIONS

Performance	F8F	FT8G
Max. prop shaft output	5.9 kW (8 ps)	
Full throttle operating range	5000 – 6000 r/min	
Idling speed	1000 – 1100 r/min	
Fuel consumption	(3.3 L/h @5500 r/min *reference data)	

Engine	
Engine type	SOHC, In-line 2
Displacement	212 cm ³
Bore × stroke	56.0 × 43.0 mm
Compression ratio	9.4 :1
Starting enrichment	Manual choke
Fuel induction system	1 carburetor
Lubrication system	Wet sump
Engine oil capacity	0.8 L
Ignition system	CDI
Ignition timing	BTDC 5.0 – BTDC 30.0 deg.
Spark plug	BR6HS-10
Alternator	6 A with Rectifier regulator
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	4 positions
Shallow water drive	Manual: 2 positions FT8GEP: PT: variable position
Steering angle	43 deg. each direction (FT8GEP: 38 deg. each direction)
Gear shift	F-N-R
Gear ratio	2.08 (27/13) 2.92 (38/13)
Gear oil capacity	0.150 L 0.370 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	S, L MH, E: L, X / EP:L
Engine transom height	S: 431 mm (17.0 inch), L: 552 mm (21.7 inch), L: 558 mm (22.0 inch) X: 620 mm (24.4 inch), EP: L: 557mm (22.0 inch)

MODEL CATEGORY

PURPOSE OF USE		F8F	FT8G
Purpose	General	●	—
	Commercial use	—	—
	High thrust	—	●

FEATURE TABLE

CATEGORY	FEATURE ITEM	F8F	FT8G
Environment	Blow-by gas burning system	●	●
	Start in gear protection*	●	●
Security	Over rev. limiter	●	●
	Overheat warning	—	—
	Low oil press. warning	●	●
	Emergency ignition circuit	●	●
	Stainless steel water pump housing	●	●
Corrosion prevention	Chrome plated water pump housing	—	—
	Stainless steel water tube	—	—
	Freshwater flushing device	Optional	Optional
Power unit	Primestart	—	—
	Carburettor	●	●
	Fuel injection	—	—
	Gasoline	Regular	Regular
Convenience	Auto decompression	—	—
	Tilt lock lever	●	●

* : MH, WH

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	F8F		FT8G		
	MH	E	MH	E	EP
Lighting coil kit	●	—	●	—	—
Electric starter kit	●	—	●	—	—
Rectifier-regulator	●	—	●	—	—
Steering guide attachment	—	●	—	●	●
Steering friction	●	—	●	—	—
Freshwater flushing device	●	●	●	●	●

RIGGING ACCESSORY	F8F		FT8G		
	MH	E	MH	E	EP
703 remote control	—	●	—	●	●
6Y7 instruments	—	●	—	●	●
6Y5 instruments	—	—	—	—	—

PROPELLER	F8F		FT8G		
	MH	E	MH	E	EP
Standard propeller	N	N	—	—	—
• Weedless propeller	—	—	—	—	—
• Dual thrust propeller	N	N	R	R	R

CONSUMES	F8F		FT8G		
	MH	E	MH	E	EP
Yamalube 4	●	●	●	●	●
Yamalube gear oil (GL4)	●	●	●	●	●
Yamaha grease A	●	●	●	●	●
Yamaha grease D	●	●	●	●	●

— : N/A (Not available)

4-STROKE

8-20 ps

F9.9J FT9.9L



F9.9J

FT9.9L

MODEL CODE (Approved code)

F9.9J 6DR (6AUK)

FT9.9L 6EA (6AVK)

MODELS AVAILABLE

Tiller Handle

F9.9J MH, EH*

FT9.9L MH, EHP*, WH*

* : US, Canada

Remote Control

F9.9J E

FT9.9L E, EP

Dry weight

F9.9J 40 – 45 kg

FT9.9L 45 – 53 kg

SPECIFICATIONS

Performance	F9.9J	FT9.9L
Max. prop shaft output	7.3 kW (9.9 ps)	
Full throttle operating range	5000 – 6000 r/min	
Idling speed	1000 – 1100 r/min	
Fuel consumption	(3.9 L/h @5500 r/min *reference data)	

Engine	
Engine type	SOHC, In-line 2
Displacement	212 cm ³
Bore × stroke	56.0 × 43.0 mm
Compression ratio	9.4 :1
Starting enrichment	Manual choke
Fuel induction system	1 carburetor
Lubrication system	Wet sump
Engine oil capacity	0.8 L
Ignition system	CDI
Ignition timing	BTDC 5.0 – BTDC 30.0 deg.
Spark plug	BR6HS-10
Alternator	6 A (Except MH)
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	4 positions
Shallow water drive	Manual: 2 positions FT9.9LEHP, EP: PT: variable position
Steering angle	43 deg. each direction (FT9.9LEP: 38 deg. each direction)
Gear shift	F-N-R
Gear ratio	2.08 (27/13) 2.92 (38/13)
Gear oil capacity	0.150 L 0.370 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	S, L L, X
Engine transom height	S: 431 mm (17.0 inch), L: 552 mm (21.7 inch), L: 558 mm (22.0 inch) X: 620 mm (24.4 inch), EP, EHP: L: 557 mm (22.0 inch), EP, EHP: X: 625 mm (24.6 inch)

MODEL CATEGORY

PURPOSE OF USE		F9.9J	FT9.9L
Purpose	General	●	—
	Commercial use	—	—
	High thrust	—	●

FEATURE TABLE

CATEGORY	FEATURE ITEM	F9.9J	FT9.9L
Environment	Blow-by gas burning system	●	●
	Start in gear protection*	●	●
Security	Over rev. limiter	●	●
	Overheat warning	—	—
	Low oil press. warning	●	●
	Emergency ignition circuit	●	●
	Stainless steel water pump housing	●	●
Corrosion prevention	Chrome plated water pump housing	—	—
	Stainless steel water tube	—	—
	Freshwater flushing device	Optional	Optional
Power unit	Primestart	—	—
	Carburettor	●	●
	Fuel injection	—	—
	Gasoline	Regular	Regular
Convenience	Auto decompression	—	—
	Tilt lock lever	●	●

* : MH, EH, EHP, WH

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	F9.9J			FT9.9L				
	MH	E	EH	MH	E	EP	EHP	WH
Lighting coil kit	●	—	—	●	—	—	—	—
Electric starter kit	●	—	—	●	—	—	—	—
Rectifier-regulator	●	—	—	●	—	—	—	—
Steering guide attachment	—	●	—	—	●	●	—	—
Steering friction	●	—	●	●	—	—	●	●
Freshwater flushing device	●	●	●	●	●	●	●	●

RIGGING ACCESSORY	F9.9J			FT9.9L				
	MH	E	EH	MH	E	EP	EHP	WH
703 remote control	—	●	—	—	●	●	—	—
6Y7 instruments	—	●	—	—	●	●	—	—
6Y5 instruments	—	—	—	—	—	—	—	—

PROPELLER	F9.9J			FT9.9L				
	MH	E	EH	MH	E	EP	EHP	WH
Standard propeller	N	N	N	—	—	—	—	—
• Weedless propeller	—	—	—	—	—	—	—	—
• Dual thrust propeller	N	N	N	R	R	R	R	R

CONSUMES	F9.9J			FT9.9L				
	MH	E	EH	MH	E	EP	EHP	WH
Yamalube 4	●	●	●	●	●	●	●	●
Yamalube gear oil (GL4)	●	●	●	●	●	●	●	●
Yamaha grease A	●	●	●	●	●	●	●	●
Yamaha grease D	●	●	●	●	●	●	●	●

— : N/A (Not available)

F15C F20B



F15C

F20B

MODEL CODE (Approved code)

F15C 6AG (6AGK)

F20B 6AH (6AHK)

MODELS AVAILABLE

Tiller Handle

F15C MH, EH, EHP**

F20B MH, EH, EHP

Remote Control

F15C E*, EP*

F20B E, EP

* : EU

** : US, Canada

Dry weight

F15C 51 – 61 kg

F20B 51 – 61 kg

SPECIFICATIONS

Performance	F15C	F20B
Max. prop shaft output	11.0 kW (15 ps)	14.7 kW (20 ps)
Full throttle operating range	5000 – 6000 r/min	
Idling speed	1000 – 1100 r/min (EHP: 1150 – 1250 r/min)	1000 – 1100 r/min (EHP: 1150 – 1250 r/min)
Fuel consumption	(5.3 L/h @5500 r/min 6.9 L/h @5500 r/min) *reference data	

Engine	
Engine type	SOHC, In-line 2
Displacement	362 cm ³
Bore × stroke	63.0 × 58.1 mm
Compression ratio	9.3 :1
Starting enrichment	Prime start
Fuel induction system	1 carburetor
Lubrication system	Wet sump
Engine oil capacity	1.8 L / 1.6 L (with / without oil filter replacement)
Ignition system	CDI
Ignition timing	TDC – BTDC 30.0 deg.
Spark plug	DPR6EB-9
Alternator	10 A (Except MH)
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive		
Trim	4 positions	
Shallow water drive	Manual: 2 positions EHP, EP: PT: variable position	
Steering angle	Manual: 45 deg. (PT: 40 deg.) each direction	
Gear shift	F-N-R	
Gear ratio	2.08 (27/13)	
Gear oil capacity	0.250 L	
Propeller fitting	Spline	
Propeller rotation	Clockwise	
Shaft length	MH, EH, E: S, L EP, EHP: L	MH, EH, E, EP: S, L EHP: L
Engine transom height	S: 438 mm (17.2 inch), L: 565 mm (22.2 inch), EP: S: 443 mm (17.5 inch), EHP, EP: L: 570 mm (22.5 inch)	

MODEL CATEGORY

PURPOSE OF USE		F15C	F20B
Purpose	General	●	●
	Commercial use	—	—
	High thrust	—	—

FEATURE TABLE

CATEGORY	FEATURE ITEM	F15C	F20B
Environment	Blow-by gas burning system	●	●
Security	Start in gear protection*1	●	●
	Over rev. limiter	●	●
	Overheat warning	●	●
	Low oil press. warning	●	●
	Emergency ignition circuit	—	—
Corrosion prevention	Stainless steel water pump housing	●	●
	Chrome plated water pump housing	—	—
	Stainless steel water tube	●	●
	Freshwater flushing device	●	●
Power unit	Primestart	●	●
	Carburettor	●	●
	Fuel injection	—	—
	Gasoline	Regular	Regular
Convenience	Auto decompression	●	●
	Tilt lock lever	●	●

*1 : MH, EH, EHP

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	F15C, F20B				
	MH	E	EP	EH	EHP
Electric starter kit	—	—	—	—	—
Rectifier-regulator	●	—	—	—	—
Steering guide attachment	—	●	●	—	—
Steering friction	●	—	—	●	●

RIGGING ACCESSORY	F15C, F20B				
	MH	E	EP	EH	EHP
703 remote control	—	●	●	—	—
6Y7 instruments	—	●	●	—	—
6Y5 instruments	—	—	—	—	—

PROPELLER	F15C				
	MH	E	EP	EH	EHP
Standard propeller	J1	J1	J1	J1	J1
	J	J	J	J	J
• Weedless propeller	—	—	—	—	—
• Dual thrust propeller	J	J	J	J	J

PROPELLER	F20B				
	MH	E	EP	EH	EHP
Standard propeller	J1	J1	J1	J1	J1
• Weedless propeller	—	—	—	—	—
• Dual thrust propeller	—	—	—	—	—

CONSUMES	F15C, F20B				
	MH	E	EP	EH	EHP
Yamalube 4	●	●	●	●	●
Yamalube gear oil (GL4)	●	●	●	●	●
Yamaha grease A	●	●	●	●	●
Yamaha grease D	●	●	●	●	●

— : N/A (Not available)

F20C

Commercial



F20C

MODEL CODE (Approved code)

F20C 6AJ (6AJK)

MODELS AVAILABLE

Tiller Handle

F20C MH

Remote Control

F20C E*

* : CHN

NOTE)

More resistant to leaded,
sulfurous fuel.

More resistant in muddy
water:

- Chrome-plated water
pump.

Dry weight

51 – 54 kg

SPECIFICATIONS

Performance	F20C
Max. prop shaft output	14.7 kW (20 ps)
Full throttle operating range	5000 – 6000 r/min
Idling speed	1000 – 1100 r/min
Fuel consumption	(6.9 L/h @5500 r/min *reference data)

Engine	
Engine type	SOHC, In-line 2
Displacement	362 cm ³
Bore × stroke	63.0 × 58.1 mm
Compression ratio	9.3 :1
Starting enrichment	Prime start
Fuel induction system	1 carburetor
Lubrication system	Wet sump
Engine oil capacity	1.8 L/ 1.6 L (with / without oil filter replacement)
Ignition system	CDI
Ignition timing	TDC – BTDC 30.0 deg.
Spark plug	DPR6EB-9
Alternator	10 A (Except MH)
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	4 positions
Shallow water drive	Manual: 2 positions
Steering angle	45 deg. each direction
Gear shift	F-N-R
Gear ratio	2.08 (27/13)
Gear oil capacity	0.250 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	MH: S, L / E: L
Engine transom height	S: 438 mm (17.2 inch), L: 565 mm (22.2 inch)

4-STROKE

8-20 ps

MODEL CATEGORY

PURPOSE OF USE		F20C
Purpose	General	—
	Commercial use	●
	High thrust	—

FEATURE TABLE

CATEGORY	FEATURE ITEM	F20C
Environment	Blow-by gas burning system	●
Security	Start in gear protection	●
	Over rev. limiter	●
	Overheat warning	●
	Low oil press. warning	●
	Emergency ignition circuit	—
Corrosion prevention	Stainless steel water pump housing	—
	Chrome plated water pump housing	●
	Stainless steel water tube	●
	Freshwater flushing device	●
Power unit	Primestart	●
	Carburettor	●
	Fuel injection	—
Convenience	Gasoline	Regular
	Auto decompression	●
	Tilt lock lever	●

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	F20C	
	MH	E
Electric starter kit	—	—
Rectifier-regulator	●	—
Steering guide attachment	—	●
Steering friction	●	—

RIGGING ACCESSORY	F20C	
	MH	E
703 remote control	—	●
6Y7 instruments	—	●
6Y5 instruments	—	—

PROPELLER	F20C	
	MH	E
Standard propeller	J1	J1
• Weedless propeller	—	—
• Dual thrust propeller	—	—

CONSUMES	F20C	
	MH	E
Yamalube 4	●	●
Yamalube gear oil (GL4)	●	●
Yamaha grease A	●	●
Yamaha grease D	●	●

— : N/A (Not available)

F20G

Fuel Injection
Digital Network



F20G

MODEL CODE (Approved code)

F20G 6HY (6HYK)

MODELS AVAILABLE

Tiller Handle

F20G MH, WH, WHP

Remote Control

F20G E, W, EP, WP

Dry weight
56 – 66 kg

SPECIFICATIONS

Performance	F20G
Max. prop shaft output	14.7 kW (20 ps)
Full throttle operating range	5000 – 6000 r/min
Idling speed	850 – 950 r/min
Fuel consumption	(7.5 L/h @6000 r/min *reference data)

Engine	
Engine type	SOHC, In-line 2
Displacement	432 cm ³
Bore × stroke	65.0 × 65.1 mm
Compression ratio	9.1 :1
Starting enrichment	Fuel injection
Fuel induction system	Fuel injection
Lubrication system	Wet sump
Engine oil capacity	1.1 L/ 1.0 L (with / without oil filter replacement)
Ignition system	TCI
Ignition timing	ATDC 3.0 – BTDC 22.0 deg.
Spark plug	DPR6EB-9
Alternator	16 A
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	4 positions
Shallow water drive	Manual: 2 positions EP, WP, WHP: PT: variable position
Steering angle	45 deg. each direction
Gear shift	F-N-R
Gear ratio	2.08 (27/13)
Gear oil capacity	0.370 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	MH, WH, E, W, EP, WP: S, L WHP: L
Engine transom height	S: 424 mm (16.7 inch), L: 551 mm (21.7 inch) EP, WP: S: 429 mm (16.9 inch), EP, WP, WHP: L: 556 mm (21.9 inch)

MODEL CATEGORY

PURPOSE OF USE		F20G
Purpose	General	●
	Commercial use	—
	High thrust	—

FEATURE TABLE

CATEGORY	FEATURE ITEM	F20G
Environment	Blow-by gas burning system	●
	Start in gear protection*1	●
Security	Over rev. limiter	●
	Overheat warning	●
	Low oil press. warning	●
	YDIS interface	●
	Stainless steel water pump housing	●
Corrosion prevention	Chrome plated water pump housing	—
	Stainless steel water tube	—
	Freshwater flushing device	●
Power unit	Fuel injection	●
	Gasoline	Regular
Convenience	Tilt lock lever	●

*1 : MH, WH, W, EP, WP, WHP

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	F20G						
	MH	WH	E	W	EP	WP	WHP
Steering guide attachment	●	●	—	—	—	—	●
Steering friction	—	—	—	—	●	●	—
6X4 Multi-function tiller handle	—	—	—	—	●	●	—
Variable trolling switch	STD	STD	●	●	●	●	STD
Immobilizer	—	—	●	—	●	—	—
E-starter kit	●	—	—	—	—	—	—
Battery charging cable kit	●	—	—	—	—	—	—
Remote control attachment kit	●	●	—	—	—	—	●

RIGGING ACCESSORY	F20G						
	MH	WH	E	W	EP	WP	WHP
703 remote control	—	—	●	●	●	●	—
6Y8 instruments*1	—	—	●	—	●	—	—
6Y7 instruments*2	—	—	●	●	●	●	—
6Y5 instruments	—	—	—	—	—	—	—

*1 : 6Y8 Tacho Meter only.

*2 : 6Y7 Tacho Meter without warning lamp only.

PROPELLER	F20G						
	MH	WH	E	W	EP	WP	WHP
Standard propeller	F	F	F	F	F	F	F

CONSUMES	F20G						
	MH	WH	E	W	EP	WP	WHP
Yamalube 4	●	●	●	●	●	●	●
Yamalube gear oil (GL4)	●	●	●	●	●	●	●
Yamaha grease A	●	●	●	●	●	●	●
Yamaha grease D	●	●	●	●	●	●	●

— : N/A (Not available)

F25D FT25F



F25D

FT25F

MODEL CODE (Approved code)

F25D 6BP (6BPK)

FT25F 6BL (6BLK)

MODELS AVAILABLE

Tiller Handle

F25D MH

Remote Control

F25D E

FT25F ET

Dry weight

F25D 77 – 78 kg

FT25F 92 kg

SPECIFICATIONS

Performance	F25D	FT25F
Max. prop shaft output	18.4 kW (25 ps)	
Full throttle operating range	5000 – 6000 r/min	
Idling speed	925 – 1025 r/min	
Fuel consumption	(9.2 L/h @5500 r/min *reference data)	

Engine	
Engine type	SOHC, In-line 2
Displacement	498 cm ³
Bore × stroke	65.0 × 75.0 mm
Compression ratio	9.4 :1
Starting enrichment	Prime start
Fuel induction system	1 carburetor
Lubrication system	Wet sump
Engine oil capacity	1.6 L/ 1.4 L (with / without oil filter replacement)
Ignition system	CDI
Ignition timing	ATDC 8.0 – BTDC 20.0 deg.
Spark plug	DPR6EB-9
Alternator	14 A (battery charging:13 A)
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive		
Trim	Manual: 5 positions, PTT: — (continuously variable)	
Shallow water drive	Manual: 2 positions ET: PTT: variable position	
Steering angle	42 deg. each direction 40 deg. each direction	
Gear shift	F-N-R	
Gear ratio	2.08 (27/13)	2.42 (29/12)
Gear oil capacity	0.320 L	0.430 L
Propeller fitting	Spline	
Propeller rotation	Clockwise	
Shaft length	MH: S,L E: S	L
Engine transom height	S: 423 mm (16.7 inch) L: 550 mm (21.7 inch)	536 mm (21.1 inch)

MODEL CATEGORY

PURPOSE OF USE		F25D	FT25F
Purpose	General	●	●
	Commercial use	—	—
	High thrust	—	●

FEATURE TABLE

CATEGORY	FEATURE ITEM	F25D	FT25F
Environment	Blow-by gas burning system	●	●
Security	Start in gear protection*1	●	—
	Over rev. limiter	●	●
	Overheat warning	●	●
	Low oil press. warning	●	●
	Emergency ignition circuit	—	—
Corrosion prevention	Stainless steel water pump housing	●	●
	Chrome plated water pump housing	—	—
	Stainless steel water tube	—	—
	Freshwater flushing device	●	●
Power unit	Primestart	●	●
	Carburettor	●	●
	Fuel injection	—	—
	Gasoline	Regular	Regular
Convenience	Auto decompression*1	●	—
	Tilt lock lever	●	●

*1 : MH

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	F25D		FT25F
	MH	E	ET
Rectifier-regulator	●	—	—
Steering guide attachment	—	●	●
Steering friction	●	—	—

RIGGING ACCESSORY	F25D		FT25F
	MH	E	ET
703 remote control	—	●	●
6Y7 instruments	—	●	●
6Y5 instruments	—	—	—

PROPELLER	F25D		FT25F
	MH	E	ET
Standard propeller	F	F	G
• Weedless propeller	F	F	G
• Dual thrust propeller	—	—	G

CONSUMES	F25D		FT25F
	MH	E	ET
Yamalube 4	●	●	●
Yamalube gear oil (GL4)	●	●	●
Yamaha grease A	●	●	●
Yamaha grease D	●	●	●

— : N/A (Not available)

F25G

Fuel Injection
Digital Network



F25G

MODEL CODE (Approved code)

F25G 6FM (6FMK)

MODELS AVAILABLE

Tiller Handle

F25G MH, WH, WHT,
WHD

* : US, Canada (EHT)

Remote Control

F25G E, W, ET, WT

Dry weight
56 – 70 kg

SPECIFICATIONS

Performance	F25G
Max. prop shaft output	18.4 kW (25 ps)
Full throttle operating range	5000 – 6000 r/min
Idling speed	850 – 950 r/min
Fuel consumption	(9.2 L/h @6000 r/min *reference data)

Engine	
Engine type	SOHC, In-line 2
Displacement	432 cm ³
Bore × stroke	65.0 × 65.1 mm
Compression ratio	9.1 :1
Starting enrichment	Fuel injection
Fuel induction system	Fuel injection
Lubrication system	Wet sump
Engine oil capacity	1.1 L/ 1.0 L (with / without oil filter replacement)
Ignition system	TCI
Ignition timing	ATDC 3 – BTDC 29 deg.
Spark plug	DPR6EB-9
Alternator	16 A
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	Manual: 4 positions, PTT: — (continuously variable)
Shallow water drive	Manual: 2 positions ET, WT: PTT: variable position
Steering angle	45 deg. each direction
Gear shift	F-N-R
Gear ratio	2.08 (27/13)
Gear oil capacity	0.370 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	MH, WH, E, W: S, L / WT: L, X / ET, EHT: L / WHT, WHD: X
Engine transom height	S: 424 mm (16.7 inch), L: 551 mm (21.7 inch) ET, WT: L: 553 mm (21.8 inch), X: 640 mm (25.2 inch)

4-STROKE

20-70 ps

MODEL CATEGORY

PURPOSE OF USE		F25G
Purpose	General	●
	Commercial use	—
	High thrust*1	●

*1 : WT

FEATURE TABLE

CATEGORY	FEATURE ITEM	F25G
Environment	Blow-by gas burning system	●
	Start in gear protection*2	●
Security	Over rev. limiter	●
	Overheat warning	●
	Low oil press. warning	●
	Emergency ignition circuit	—
	Stainless steel water pump housing	●
Corrosion prevention	Chrome plated water pump housing	—
	Stainless steel water tube	—
	Freshwater flushing device	●
Power unit	Fuel injection	●
	Gasoline	Regular
Convenience	Auto decompression	●
	Tilt lock lever	●

*2 : MH, WH, W, WT, EHT, WHT

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	F25G								
	MH	WH	E	ET	W	WT	EHT	WHT	WHD
Steering guide attachment	—	—	●	●	●	●	—	—	—
Steering friction	●	●	—	—	—	—	●	●	●
6X4 Multi-function tiller handle	—	—	—	—	—	—	●	●	●
Variable trolling switch	STD	STD	●	●	●	●	●	●	●
Immobilizer	—	—	●	●	—	—	●	—	—
E-starter kit	●	—	—	—	—	—	—	—	—
Battery charging cable kit	●	—	—	—	—	—	—	—	—
Remote control attachment kit	●	●	—	—	—	—	—	—	—

RIGGING ACCESSORY	F25G									
	MH	WH	E	ET	W	WT	EHT	WHT	WHD	
703 remote control	—	—	●	●	●	●	—	—	—	
6Y8 instruments	—	—	●	●	—	—	●	—	—	
6Y7 instruments	—	—	●	●	●	●	●	●	—	
6Y5 instruments	—	—	—	—	—	—	—	—	—	

PROPELLER	F25G									
	MH	WH	E	ET	W	WT	EHT	WHT	WHD	
Standard propeller	F	F	F	F	F	—	F	F	F	
• Dual thrust propeller	—	—	—	—	—	F	—	—	—	

CONSUMES	F25G									
	MH	WH	E	ET	W	WT	EHT	WHT	WHD	
Yamalube 4	●	●	●	●	●	●	●	●	●	
Yamalube gear oil (GL4)	●	●	●	●	●	●	●	●	●	
Yamaha grease A	●	●	●	●	●	●	●	●	●	
Yamaha grease D	●	●	●	●	●	●	●	●	●	

— : N/A (Not available)

F30B F40F

Fuel Injection
Digital Network



F40F

MODEL CODE (Approved code)

F30B 6BT (6BTK)
F40F 6BG (6BGK)

MODELS AVAILABLE

Tiller Handle

F30B EHT, EHD
F40F EHT, EHD

Remote Control

F30B ET
F40F ET, ED*
*: EU

Dry weight

F30B 94 – 106 kg
F40F 91 – 106 kg

SPECIFICATIONS

Performance	F30B	F40F
Max. prop shaft output	22.1 kW (30 ps)	29.4 kW (40 ps)
Full throttle operating range	5000 – 6000 r/min	
Idling speed	750 – 850 r/min	
Fuel consumption	(11.5 L/h @5500 r/min 13.6 L/h @5500 r/min) *reference data	

Engine	
Engine type	SOHC, In-line 3
Displacement	747 cm ³
Bore × stroke	65.0 × 75.0 mm
Compression ratio	9.4 :1
Starting enrichment	Fuel injection
Fuel induction system	Fuel injection
Lubrication system	Wet sump
Engine oil capacity	1.7 L / 1.5 L (with / without oil filter replacement)
Ignition system	CDI
Ignition timing	ATDC 7.0 – BTDC 20.0 deg. ATDC 8.0 – BTDC 20.0 deg.
Spark plug	DPR6EB-9
Alternator	17 A (battery charging:13 A)
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	Hydro: 5 positions, PTT: — (continuously variable)
Shallow water drive	ET, EHT: PTT: variable position ED, EHD: Hydro: variable position
Steering angle	40 deg. each direction
Gear shift	F-N-R
Gear ratio	2.0 (26/13)
Gear oil capacity	0.430 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	ET: S, L EHT, EHD: L EHD, ET, ED : S, L EHT: L
Engine transom height	S: 414 mm (16.3 inch), L: 536 mm (21.1 inch)

4-STROKE

20-70 ps

MODEL CATEGORY

PURPOSE OF USE		F30B	F40F
Purpose	General	●	●
	Commercial use	—	—
	High thrust	—	—

FEATURE TABLE

CATEGORY	FEATURE ITEM	F30B	F40F
Environment	Fuel vaporize control system	●	●
	Fuel vapor accumulation system	●	●
	Hydro-carbon gas burning system	●	●
Security	Start in gear protection*	●	—
	Over rev. limiter	●	●
	Overheat warning	●	●
	Anti knocking control	—	—
	Low oil press. warning	●	●
	Fail safe system	●	●
	Immobilizer adaptation	●	●
	YDIS interface	●	●
Corrosion prevention	Stainless steel water pump housing	●	●
	Chrome plated water pump housing	—	—
	Stainless steel water tube	—	—
	Freshwater flushing device	●	●
Power unit	Fuel injection	●	●
	Gasoline	Regular	Regular
Control system	Digital network system (optional)	●	●
	Digital network system II (optional)	—	—
	Variable trolling switch adaptation	●	●
Convenience	Tilt lock lever	●	●

* : EHD, EHT

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	F30B			F40F			
	EHD	ET	EHT	ED	EHD	ET	EHT
Tilt limiter	—	—	—	—	—	—	—
Immobilizer	●	●	●	●	●	●	●
Steering guide attachment	—	●	—	●	—	●	—
Steering friction	●	—	●	—	●	—	●

RIGGING ACCESSORY	F30B			F40F			
	EHD	ET	EHT	ED	EHD	ET	EHT
703 remote control	—	●	—	●	—	●	—
704 remote control	—	●	—	●	—	●	—
6Y8 instruments	—	●	—	●	—	●	—
6Y7 instruments	—	●	—	●	—	●	—
6Y5 instruments	—	●	—	●	—	●	—

PROPELLER	F30B			F40F			
	EHD	ET	EHT	ED	EHD	ET	EHT
Standard propeller	G	G	G	G	G	G	G
• Dual thrust propeller	—	—	—	—	—	—	—

CONSUMES	F30B			F40F			
	EHD	ET	EHT	ED	EHD	ET	EHT
Yamalube 4	●	●	●	●	●	●	●
Yamalube gear oil (GL4)	●	●	●	●	●	●	●
Yamaha grease A	●	●	●	●	●	●	●
Yamaha grease D	●	●	●	●	●	●	●

— : N/A (Not available)

F40J

Commercial



F40J

MODEL CODE (Approved code)

F40J 6GL (6GLK)

MODELS AVAILABLE

Tiller Handle

F40J MHD

Dry weight
95 kg

SPECIFICATIONS

Performance	F40J
Max. prop shaft output	29.4 kW (40 ps)
Full throttle operating range	5000 – 6000 r/min
Idling speed	1150 – 1250 r/min
Fuel consumption	(15.2 L/h @5500 r/min *reference data)

Engine	
Engine type	SOHC, In-line 3
Displacement	747 cm ³
Bore × stroke	65.0 × 75.0 mm
Compression ratio	9.4 :1
Starting enrichment	Prime start
Fuel induction system	3 carburetors
Lubrication system	Wet sump
Engine oil capacity	1.7 L/ 1.5 L (with / without oil filter replacement)
Ignition system	CDI
Ignition timing	TDC – BTDC 19.0 deg.
Spark plug	DPR6EB-9
Alternator	14A
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	Hydro: 5 positions
Shallow water drive	Hydro: variable position
Steering angle	40 deg. each direction
Gear shift	F-N-R
Gear ratio	2.0 (26/13)
Gear oil capacity	0.430 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	L
Engine transom height	L: 536 mm (21.1 inch)

4-STROKE

40 ps

MODEL CATEGORY

PURPOSE OF USE		F40J
Purpose	General	—
	Commercial use	●
	High thrust	—

FEATURE TABLE

CATEGORY	FEATURE ITEM	F40J
Environment	Blow-by gas burning system	●
Security	Start in gear protection	●
	Over rev. limiter	●
	Overheat warning	●
	Low oil press. warning	●
	Emergency ignition circuit	—
Corrosion prevention	Stainless steel water pump housing	—
	Chrome plated water pump housing	●
	Stainless steel water tube	●
	Freshwater flushing device	●
Power unit	Primestart	●
	Carburettor	●
	Fuel injection	—
	Gasoline	Regular
Convenience	Auto decompression	●
	Tilt lock lever	●

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	F40J
	MHD
Tilt limiter	—
Immobilizer	—
Steering guide attachment	—
Steering friction	●

RIGGING ACCESSORY	F40J
	MHD
703 remote control	—
704 remote control	—
6Y8 instruments	—
6Y7 instruments	—
6Y5 instruments	—

PROPELLER	F40J
	MHD
Standard propeller	G
• Dual thrust propeller	—

CONSUMES	F40J
	MHD
Yamalube 4	●
Yamalube gear oil (GL4)	●
Yamaha grease A	●
Yamaha grease D	●

— : N/A (Not available)

F50D FT50C

Commercial



F50D

FT50C

MODEL CODE

(Approved code)

F50D 60A (60A)

FT50C 61S (64J)

MODELS AVAILABLE

Tiller Handle

FT50C EHD

Remote Control

F50D ET

FT50C ET

NOTE)

More resistant to leaded, sulfurous and low octane fuel:

- Anti-abrasion piston rings.
- Hardened valve train.
- Stainless steel long exhaust pipe.

More resistant in muddy water:

- Chrome-plated water pump.

Dry weight

F50D 110 kg

FT50C 117 – 121 kg

SPECIFICATIONS

Performance	F50D	FT50C
Max. prop shaft output	36.8 kW (50 ps)	
Full throttle operating range	5000 – 6000 r/min	
Idling speed	800 – 900 r/min	900 – 1000 r/min
Fuel consumption	(15.7 L/h @5500 r/min 16.0 L/h @5500 r/min) *reference data	

Engine	
Engine type	SOHC, In-line 4
Displacement	935 cm ³
Bore × stroke	63.0 × 75.0 mm
Compression ratio	9.3 :1
Starting enrichment	Prime start
Fuel induction system	4 carburetors
Lubrication system	Wet sump
Engine oil capacity	2.2 L / 2.0 L (with / without oil filter replacement)
Ignition system	CDI
Ignition timing	BTDC 5.0 – BTDC 35.0 deg.
Spark plug	DPR6EA-9
Alternator	10 A
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	Hydro: 5 positions, PTT: — (continuously variable)
Shallow water drive	ET: PTT: variable position EHD: Hydro: variable position
Steering angle	40 deg. each direction
Gear shift	F-N-R
Gear ratio	1.85 (24/13) 2.31 (30/13)
Gear oil capacity	0.430 L 0.670 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	L X
Engine transom height	L: 533 mm (21.0 inch) L: 536 mm (21.1 inch), X: 647 mm (25.5 inch)

4-STROKE

50 ps

MODEL CATEGORY

PURPOSE OF USE		F50D	FT50C
Purpose	General	—	—
	Commercial use	●	●
	High thrust	—	●

FEATURE TABLE

CATEGORY	FEATURE ITEM	F50D	FT50C
Environment	Blow-by gas burning system	●	●
Security	Start in gear protection*	—	●
	Over rev. limiter	●	●
	Overheat warning	●	●
	Anti knocking control	—	—
	Low oil press. warning	●	●
Corrosion prevention	Stainless steel water pump housing	—	—
	Chrome plated water pump housing	●	●
	Stainless steel water tube	—	—
	Freshwater flushing device	—	—
Power unit	Anodic coated muffler	—	—
	Primestart	●	●
	Carburettor	●	●
	Fuel injection	—	—
Control system	Gasoline	Regular	Regular
	Digital network system (optional)	—	—
	Variable trolling switch adaptation	—	—
Convenience	Tilt lock lever	●	●
	Hourmeter	—	●

* : EHD

— : N/A (Not available)

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	F50D	FT50C	
	ET	EHD	ET
Steering guide attachment	●	—	●
Steering friction	—	●	—
Freshwater flushing device	—	—	—

RIGGING ACCESSORY	F50D	FT50C	
	ET	EHD	ET
703 remote control	●	—	●
704 remote control	●	—	●
6Y8 instruments	—	—	—
6Y7 instruments	●	—	●
6Y5 instruments	●	—	●

PROPELLER	F50D	FT50C	
	ET	EHD	ET
Standard propeller	G	G	G
	—	K	K
• Dual thrust propeller	—	K	K
TALON propeller	—	K	K
TALON SS propeller	—	K	K
TALON SS4 propeller	—	K	K
TALON PONTOON propeller	—	K	K
TALON GP propeller	—	K	K

CONSUMES	F50D	FT50C	
	ET	EHD	ET
Yamalube 4	●	●	●
Yamalube gear oil (GL4)	●	●	●
Yamaha grease A	●	●	●
Yamaha grease D	●	●	●

F50H F60F

Fuel Injection
Digital Network



F60F

MODEL CODE (Approved code)

F50H 6C1 (6C1)

F60F 6C5 (6C5)

MODELS AVAILABLE

Tiller Handle

F50H EHT, EHD

F60F EHT

Remote Control

F50H ET, ED*

F60F ET

* : EU

Dry weight

F50H 107 – 117 kg

F60F 113 – 117 kg

SPECIFICATIONS

Performance	F50H	F60F
Max. prop shaft output	36.8 kW (50 ps)	44.1 kW (60 ps)
Full throttle operating range	5000 – 6000 r/min	
Idling speed	700 – 800 r/min	
Fuel consumption	(17.6 L/h @5500 r/min 18.9 L/h @5500 r/min) *reference data	

Engine	
Engine type	SOHC, In-line 4
Displacement	996 cm ³
Bore × stroke	65.0 × 75.0 mm
Compression ratio	9.5 :1
Starting enrichment	Fuel injection
Fuel induction system	Fuel injection
Lubrication system	Wet sump
Engine oil capacity	2.1 L / 1.9 L (with / without oil filter replacement)
Ignition system	TCI
Ignition timing	ATDC 10.0 – BTDC 25.0 deg. ATDC 10.0 – BTDC 24.0 deg.
Spark plug	DPR6EB-9
Alternator	16 A (battery charging: 9 A)
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	Hydro: 5 positions, PTT: — (continuously variable)
Shallow water drive	ET, EHT: PTT: variable position ED, EHD: Hydro: variable position
Steering angle	40 deg. each direction
Gear shift	F-N-R
Gear ratio	1.85 (24/13)
Gear oil capacity	0.430 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	L
Engine transom height	L: 527 mm (20.7 inch)

4-STROKE

20-70 ps

MODEL CATEGORY

PURPOSE OF USE		F50H	F60F
Purpose	General	●	●
	Commercial use	—	—
	High thrust	—	—

FEATURE TABLE

CATEGORY	FEATURE ITEM	F50H	F60F
Environment	Fuel vaporize control system	●	●
	Fuel vapor accumulation system	●	●
	Hydro-carbon gas burning system	●	●
Security	Start in gear protection*	●	—
	Over rev. limiter	●	●
	Overheat warning	●	●
	Anti knocking control	—	—
	Low oil press. warning	●	●
	Fail safe system	●	●
	Immobilizer adaptation	●	●
	YDIS interface	●	●
Corrosion prevention	Stainless steel water pump housing	●	●
	Stainless steel water tube	—	—
	Anodic coated muffler	●	●
	Freshwater flushing device	●	●
Power unit	Fuel injection	●	●
	Gasoline	Regular	Regular
Control system	Digital network system (optional)	●	●
	Digital network system II (optional)	—	—
	Variable trolling switch adaptation	●	●
Convenience	Tilt lock lever	●	●

* : EHD, EHT

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	F50H				F60F	
	ED	EHD	ET	EHT	ET	EHT
Tilt limiter	●	—	●	—	●	—
Immobilizer	●	●	●	●	●	●
Steering guide attachment	●	—	●	—	●	—
Steering friction	—	●	—	●	—	●

RIGGING ACCESSORY	F50H				F60F	
	ED	EHD	ET	EHT	ET	EHT
703 remote control	●	—	●	—	●	—
704 remote control	●	—	●	—	●	—
6Y8 instruments	●	—	●	—	●	—
6Y7 instruments	●	—	●	—	●	—
6Y5 instruments	●	—	●	—	●	—

PROPELLER	F50H				F60F	
	ED	EHD	ET	EHT	ET	EHT
Standard propeller	G	G	G	G	G	G
• Dual thrust propeller	—	—	—	—	—	—

CONSUMES	F50H				F60F	
	ED	EHD	ET	EHT	ET	EHT
Yamalube 4	●	●	●	●	●	●
Yamalube gear oil (GL4)	●	●	●	●	●	●
Yamaha grease A	●	●	●	●	●	●
Yamaha grease D	●	●	●	●	●	●

— : N/A (Not available)

FT50J FT60G

**Fuel Injection
Digital Network**



FT60G

MODEL CODE (Approved code)

FT50J 6C2 (6C2)

FT60G 6C6 (6C6)

MODELS AVAILABLE

Tiller Handle

FT60G EHT, EHD

Remote Control

FT50J ET

FT60G ET

Dry weight

FT50J 118 kg

FT60G 116 – 129 kg

SPECIFICATIONS

Performance	FT50J	FT60G
Max. prop shaft output	36.8 kW (50 ps)	44.1 kW (60 ps)
Full throttle operating range	5000 – 6000 r/min	
Idling speed	700 – 800 r/min	
Fuel consumption	(18.5 L/h @5500 r/min 19.2 L/h @5500 r/min) *reference data	

Engine		
Engine type	SOHC, In-line 4	
Displacement	996 cm ³	
Bore × stroke	65.0 × 75.0 mm	
Compression ratio	9.5 :1	
Starting enrichment	Fuel injection	
Fuel induction system	Fuel injection	
Lubrication system	Wet sump	
Engine oil capacity	2.1 L / 1.9 L (with / without oil filter replacement)	
Ignition system	TCI	
Ignition timing	ATDC 10.0 – BTDC 25.0 deg.	ATDC 10.0 – BTDC 24.0 deg.
Spark plug	DPR6EB-9	
Alternator	16 A (battery charging: 9 A)	
Cooling system	Raw-water, thermostatically controlled	
Exhaust system	Through propeller boss	

Bracket / Drive		
Trim	— (continuously variable)	
Shallow water drive	ET, EHT: PTT: variable position EHD: Hydro: variable position	
Steering angle	40 deg. each direction	
Gear shift	F-N-R	
Gear ratio	2.33 (28/12)	
Gear oil capacity	0.670 L	
Propeller fitting	Spline	
Propeller rotation	Clockwise	
Shaft length	L	EHT: L / ET, EHD: L, X
Engine transom height	L: 530 mm (20.9 inch), X: 644 mm (25.4 inch)	

4-STROKE

20-70 ps

MODEL CATEGORY

PURPOSE OF USE		FT50J	FT60G
Purpose	General	●	●
	Commercial use	—	—
	High thrust	●	●

FEATURE TABLE

CATEGORY	FEATURE ITEM	FT50J	FT60G
Environment	Fuel vaporize control system	●	●
	Fuel vapor accumulation system	●	●
	Hydro-carbon gas burning system	●	●
Security	Over rev. limiter	●	●
	Overheat warning	●	●
	Anti knocking control	—	—
	Low oil press. warning	●	●
	Fail safe system	●	●
	Immobilizer adaptation	●	●
	YDIS interface	●	●
Corrosion prevention	Stainless steel water pump housing	●	●
	Stainless steel water tube	—	—
	Anodic coated muffler	●	●
	Freshwater flushing device	●	●
Power unit	Fuel injection	●	●
	Gasoline	Regular	Regular
Control system	Digital network system (optional)	●	●
	Digital network system II (optional)	—	—
	Variable trolling switch adaptation	●	●
Convenience	Tilt lock lever	●	●

— : N/A (Not available)

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	FT50J	FT60G	
	ET	EHD	EHT
Tilt limiter	●	—	●
Immobilizer	●	—	●
Chrome pump	●	—	●
Steering guide attachment	●	—	●

RIGGING ACCESSORY	FT50J	FT60G	
	ET	EHD	EHT
703 remote control	●	—	●
704 remote control	●	—	●
6Y8 instruments	●	—	●
6Y7 instruments	●	—	●
6Y5 instruments	●	—	●

PROPELLER	FT50J	FT60G	
	ET	EHD	EHT
Standard propeller	K	—	K
• Dual thrust propeller	K	—	K
TALON propeller	K	—	K
TALON SS propeller	K	—	K
TALON SS4 propeller	K	—	K
TALON PONTOON propeller	K	—	K
TALON GP propeller	K	—	K

CONSUMES	FT50J	FT60G	
	ET	EHD	EHT
Yamalube 4	●	—	●
Yamalube gear oil (GL4)	●	—	●
Yamaha grease A	●	—	●
Yamaha grease D	●	—	●

F70A

Fuel Injection
Digital Network



F70A

MODEL CODE (Approved code)

F70A 6CJ (6CJ)

MODELS AVAILABLE

Remote Control

F70A ET

SPECIFICATIONS

Performance	F70A
Max. prop shaft output	51.5 kW (70 ps)
Full throttle operating range	5300 – 6300 r/min
Idling speed	700 – 800 r/min
Fuel consumption	(21.2 L/h @5800 r/min *reference data)

Engine	
Engine type	16-Valve SOHC, In-line 4
Displacement	996 cm ³
Bore × stroke	65.0 × 75.0 mm
Compression ratio	9.4 :1
Starting enrichment	Fuel injection
Fuel induction system	Fuel injection
Lubrication system	Wet sump
Engine oil capacity	2.1 L/ 1.9 L (with / without oil filter replacement)
Ignition system	TCI
Ignition timing	—
Spark plug	LKR7E
Alternator	15 A (battery charging: 9 A)
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	— (continuously variable)
Shallow water drive	PTT: variable position
Steering angle	40 deg. each direction
Gear shift	F-N-R
Gear ratio	2.33 (28/12)
Gear oil capacity	0.670 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	L, X
Engine transom height	L: 534 mm (21.0 inch), X: 648 mm (25.5 inch)

Dry weight

119 – 123 kg

4-STROKE

20-70 ps

MODEL CATEGORY

PURPOSE OF USE		F70A
Purpose	General	●
	Commercial use	—
	High thrust	—

FEATURE TABLE

CATEGORY	FEATURE ITEM	F70A
Environment	Fuel vaporize control system	●
	Fuel vapor accumulation system	●
	Hydro-carbon gas burning system	●
Security	Over rev. limiter	●
	Overheat warning	●
	Anti knocking control	●
	Low oil press. warning	●
	Fail safe system	●
	Immobilizer adaptation	●
	YDIS interface	●
Corrosion prevention	Stainless steel water pump housing	●
	Chrome plated water pump housing	—
	Stainless steel water tube	●
	Anodic coated muffler	●
	Freshwater flushing device	●
Power unit	Fuel injection	●
	Gasoline	Regular
Control system	Digital network system (optional)	●
	Digital network system II (optional)	—
	Variable trolling switch adaptation	●
Convenience	Tilt lock lever	●

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	F70A
	ET
Tilt limiter	●
Immobilizer	●
Steering guide attachment	●

RIGGING ACCESSORY	F70A
	ET
703 remote control	●
704 remote control	●
6Y8 instruments	●
6Y7 instruments	●
6Y5 instruments	●

PROPELLER	F70A
	ET
Standard propeller	K
• Dual thrust propeller	K
TALON propeller	K
TALON SS propeller	K
TALON SS4 propeller	K
TALON PONTOON propeller	K
TALON GP propeller	K

CONSUMES	F70A
	ET
Yamalube 4	●
Yamalube gear oil (GL4)	●
Yamaha grease A	●
Yamaha grease D	●

— : N/A (Not available)

F75F F100G

Fuel Injection
Digital Network
Commercial



F100G

MODEL CODE (Approved code)

F75F 6JX (6JX)

F100G 6JY (6JY)

MODELS AVAILABLE

Tiller Handle

F75F EHT

F100G EHT

Remote Control

F75F ET

F100G ET

Dry weight

F75F 162 – 171 kg

F100G 162 – 171 kg

SPECIFICATIONS

Performance	F75F	F100G
Max. prop shaft output	55.2 kW (75 ps)	73.6 kW (100 ps)
Full throttle operating range	5000 – 6000 r/min	
Idling speed	700 – 800 r/min	
Fuel consumption	(28.7 L/h @6000 r/min 36.9 L/h @6000 r/min) *reference data	

Engine	
Engine type	16-Valve, SOHC, In-line 4
Displacement	1832 cm ³
Bore × stroke	81.0 × 88.9 mm
Compression ratio	10.0 :1
Starting enrichment	Fuel injection
Fuel induction system	Fuel injection
Lubrication system	Wet sump
Engine oil capacity	3.2 L/ 3.0 L (with / without oil filter replacement)
Ignition system	TCI
Ignition timing	BTDC 8.5 – BTDC 23.0 deg.
Spark plug	LKR6E-9N
Alternator	35 A (battery charging: 21 A)
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	— (continuously variable)
Shallow water drive	PTT: variable position
Steering angle	35 deg. each direction
Gear shift	F-N-R
Gear ratio	2.15 (28/13)
Gear oil capacity	0.760 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	L, X (F100GEHT: X)
Engine transom height	L: 516 mm (20.3 inch), X: 643 mm (25.3 inch)

4-STROKE

75-130 ps

MODEL CATEGORY

PURPOSE OF USE		F75F	F100G
Purpose	General	—	—
	Commercial use	●	●
	High thrust	—	—

FEATURE TABLE

CATEGORY	FEATURE ITEM	F75F	F100G
Environment	Fuel vaporize control system	●	●
	Fuel vapor accumulation system	●	●
	Hydro-carbon gas burning system	●	●
Security	Over rev. limiter	●	●
	Overheat warning	●	●
	Anti knocking control	●	●
	Low oil press. warning	●	●
	Fail safe system	●	●
	Immobilizer adaptation	—	—
Corrosion prevention	YDIS interface	●	●
	Stainless steel water pump housing	●	●
	Stainless steel water tube	●	●
	Anodic coated muffler	●	●
	Freshwater flushing device	●	●
Power unit	Fuel injection	●	●
	Gasoline	Regular	Regular
Control system	Digital network system (optional)	●	●
	Digital network system II (optional)	—	—
	Variable trolling switch adaptation	●	●
Convenience	Tilt lock lever	●	●

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	F75F	F100G
ET	ET	ET
Tilt limiter	●	●
Immobilizer	—	—
Steering guide attachment	●	●
6X4 Multi-function tiller handle	●	●

	F75F	F100G
RIGGING ACCESSORY	ET	ET
703 remote control	●	●
704 remote control	●	●
6Y8 instruments	●	●
6Y7 instruments	●	●
6Y5 instruments	●	●

	F75F	F100G
PROPELLER	ET	ET
Standard propeller	K	K
• Dual thrust propeller	—	—
TALON propeller	K	K
TALON SS propeller	K	K
TALON SS4 propeller	K	K
TALON PONTOON propeller	K	K
TALON GP propeller	K	K

	F75F	F100G
CONSUMES	ET	ET
Yamalube 4	●	●
Yamalube gear oil (GL4/GL5)	●	●
Yamaha grease A	●	●
Yamaha grease D	●	●

— : N/A (Not available)

F75D F80D F90C F100F

Fuel Injection
Digital Network



F90C

MODEL CODE (Approved code)

F75D 6HW (6HW)
F80D 6HV (6HV)
F90C 6FP (6FP)
F100F 6HJ (6HJ)

MODELS AVAILABLE

Remote Control

F75D ET
F80D ET
F90C ET
F100F ET

Dry weight
162 – 166 kg

SPECIFICATIONS

Performance	F75D	F80D	F90C	F100F
Max. prop shaft output	55.2 kW (75 ps)	58.8 kW (80 ps)	66.2 kW (90 ps)	73.6 kW (100 ps)
Full throttle operating range	5000 – 6000 r/min			
Idling speed	700 – 800 r/min			
Fuel consumption	(28.7 L/h 28.7 L/h 36.9 L/h 36.9 L/h) (@6000 r/min @6000 r/min @6000 r/min @6000 r/min) *reference data			

Engine	
Engine type	16-Valve, SOHC, In-line 4
Displacement	1832 cm ³
Bore × stroke	81.0 × 88.9 mm
Compression ratio	10.0 :1
Starting enrichment	Fuel injection
Fuel induction system	Fuel injection
Lubrication system	Wet sump
Engine oil capacity	3.2 L / 3.0 L (with / without oil filter replacement)
Ignition system	TCI
Ignition timing	BTDC 8.5 – BTDC 23.0 deg.
Spark plug	LKR6E-9N
Alternator	35 A (battery charging: 21 A)
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	— (continuously variable)
Shallow water drive	PTT: variable position
Steering angle	35 deg. each direction
Gear shift	F-N-R
Gear ratio	2.15 (28/13)
Gear oil capacity	0.760 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	L, X
Engine transom height	L: 516 mm (20.3 inch), X: 643 mm (25.3 inch)

4-STROKE

75-130 ps

MODEL CATEGORY

PURPOSE OF USE		F75D	F80D	F90C	F100F
Purpose	General	●	●	●	●
	Commercial use	—	—	—	—
	High thrust	—	—	—	—

FEATURE TABLE

CATEGORY	FEATURE ITEM	F75D	F80D	F90C	F100F
Environment	Fuel vaporize control system	●	●	●	●
	Fuel vapor accumulation system	●	●	●	●
	Hydro-carbon gas burning system	●	●	●	●
Security	Over rev. limiter	●	●	●	●
	Overheat warning	●	●	●	●
	Anti knocking control	●	●	●	●
	Low oil press. warning	●	●	●	●
	Fail safe system	●	●	●	●
	Immobilizer adaptation	●	●	●	●
	YDIS interface	●	●	●	●
Corrosion prevention	Stainless steel water pump housing	●	●	●	●
	Stainless steel water tube	●	●	●	●
	Anodic coated muffler	●	●	●	●
	Freshwater flushing device	●	●	●	●
Power unit	Fuel injection	●	●	●	●
	Gasoline	Regular	Regular	Regular	Regular
Control system	Digital network system (optional)	●	●	●	●
	Digital network system II (optional)	—	—	—	—
	Variable trolling switch adaptation	●	●	●	●
Convenience	Tilt lock lever	●	●	●	●

— : N/A (Not available)

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	F75D	F80D	F90C	F100F
	ET	ET	ET	ET
Tilt limiter	●	●	●	●
Immobilizer	●	●	●	●
Steering guide attachment	●	●	●	●
6X4 Multi-function tiller handle	●	●	●	●

RIGGING ACCESSORY	F75D	F80D	F90C	F100F
	ET	ET	ET	ET
703 remote control	●	●	●	●
704 remote control	●	●	●	●
6Y8 instruments	●	●	●	●
6Y7 instruments	●	●	●	●
6Y5 instruments	●	●	●	●

PROPELLER	F75D	F80D	F90C	F100F
	ET	ET	ET	ET
Standard propeller	K	K	K	K
• Dual thrust propeller	—	—	—	—
TALON propeller	K	K	K	K
TALON SS propeller	K	K	K	K
TALON SS4 propeller	K	K	K	K
TALON PONTOON propeller	K	K	K	K
TALON GP propeller	K	K	K	K

CONSUMES	F75D	F80D	F90C	F100F
	ET	ET	ET	ET
Yamalube 4	●	●	●	●
Yamalube gear oil (GL4/GL5)	●	●	●	●
Yamaha grease A	●	●	●	●
Yamaha grease D	●	●	●	●

F90D

VMAX Fuel Injection Digital Network



F90D

MODEL CODE (Approved code)

F90D 6HK (6HK)

MODELS AVAILABLE

Remote Control

F90D ET

Dry weight
162, 166 kg

SPECIFICATIONS

Performance	F90D
Max. prop shaft output	66.2 kW (90 ps)
Full throttle operating range	5000 – 6000 r/min
Idling speed	700 – 800 r/min
Fuel consumption	(36.9 L/h @6000 r/min *reference data)

Engine	
Engine type	16-Valve, SOHC, In-line 4
Displacement	1832 cm ³
Bore × stroke	81.0 × 88.9 mm
Compression ratio	10.0 :1
Starting enrichment	Fuel injection
Fuel induction system	Fuel injection
Lubrication system	Wet sump
Engine oil capacity	3.2 L/ 3.0 L (with / without oil filter replacement)
Ignition system	TCI
Ignition timing	—
Spark plug	LKR6E-9N
Alternator	35 A (battery charging: 21 A)
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	— (continuously variable)
Shallow water drive	PTT: variable position
Steering angle	35 deg. each direction
Gear shift	F-N-R
Gear ratio	2.33 (28/12)
Gear oil capacity	0.760 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	L, X
Engine transom height	L: 516 mm (20.3 inch), X: 643 mm (25.3 inch)

4-STROKE

75-130 ps

MODEL CATEGORY

PURPOSE OF USE		F90D
Purpose	General	—
	Commercial use	—
	Bass fishing	●

FEATURE TABLE

CATEGORY	FEATURE ITEM	F90D
Environmental	Fuel vaporize control system	●
	Fuel vapor accumulation system	●
	Hydro carbon gas burning system	●
Security	Over rev. limiter	●
	Overheat warning	●
	Anti knocking control	●
	Low oil pressure warning	●
	Fail safe system	●
	Immobilizer adaptation	●
	YDIS interface	●
Corrosion prevention	Stainless steel water pump housing	●
	Stainless steel water tube	●
	Anodic coated muffler	●
	Freshwater flushing device	●
Power unit	Fuel injection	●
	Gasoline	Regular
Control system	Digital network system (optional)	●
	Digital network system II (optional)	—
	Variable trolling switch adaptation	●
Convenience	Tilt lock lever	●

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	F90D
	ET
Tilt limiter	●
Immobilizer	●
Steering guide attachment	●
6X4 Multi-function tiller handle	●

	F90D
	ET
RIGGING ACCESSORY	
703 remote control	●
704 remote control	●
6X3 remote control	●
6Y8 instruments	●
6Y7 instruments	●
6Y5 instruments	●

	F90D
	ET
PROPELLER	
Standard propeller	K
• Dual thrust propeller	—
TALON propeller	K
TALON SS propeller	K
TALON SS4 propeller	K
TALON PONTOON propeller	K
TALON GP propeller	K

	F90D
	ET
CONSUMES	
Yamalube 4	●
Yamalube gear oil (GL4/GL5)	●
Yamaha grease A	●
Yamaha grease D	●

— : N/A (Not available)

F100B

Commercial



F100B

MODEL CODE (Approved code)

F100B 60C (60C)

MODELS AVAILABLE

Remote Control

F100B ET

NOTE)

- More resistant to sulfurous and low octane fuel.
- More resistant in muddy water.
- More durable bracket and lower unit.

Dry weight

183 – 188 kg

SPECIFICATIONS

Performance	F100B
Max. prop shaft output	73.6 kW (100 ps)
Full throttle operating range	5000 – 6000 r/min
Idling speed	800 – 900 r/min
Fuel consumption	(31.9 L/h @5500 r/min *reference data)

Engine	
Engine type	16-Valve, DOHC, In-line 4
Displacement	1596 cm ³
Bore × stroke	79.0 × 81.4 mm
Compression ratio	8.9 :1
Starting enrichment	Prime start
Fuel induction system	4 carburetors
Lubrication system	Wet sump
Engine oil capacity	3.7 L/ 3.5 L (with / without oil filter replacement)
Ignition system	CDI
Ignition timing	ATDC 5.0 deg.– BTDC 20.0 deg.
Spark plug	LFR5A-11
Alternator	20 A
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	— (continuously variable)
Shallow water drive	PTT: variable position
Steering angle	30 deg. each direction
Gear shift	F-N-R
Gear ratio	2.15 (28/13)
Gear oil capacity	0.760 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	L, X
Engine transom height	L: 516 mm (20.3 inch), X: 643 mm (25.3 inch)

4-STROKE

100 ps

MODEL CATEGORY

PURPOSE OF USE		F100B
Purpose	General	—
	Commercial use	●
	High thrust	—

FEATURE TABLE

CATEGORY	FEATURE ITEM	F100B
Environment	Hydro-carbon gas burning system	●
	Start in gear protection*	●
Security	Over rev. limiter	●
	Overheat warning	●
	Anti knocking control	—
	Low oil press. warning	●
	Fail safe system	●
	Immobilizer adaptation	—
	YDIS interface	—
Corrosion prevention	Stainless steel water pump housing	—
	Chrome plated water pump housing	●
	Stainless steel water tube	—
	Anodic coated muffler	●
Power unit	Freshwater flushing device	—
	Primestart	●
	Carburettor	●
	Fuel injection	—
Control system	Gasoline	Regular
	Digital network system (optional)	—
	Variable trolling switch adaptation	—
Convenience	Tilt lock lever	●

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	F100B
	ET
Tilt limiter	—
Immobilizer	—
Steering guide attachment	●
Steering friction	—
Freshwater flushing device	●

RIGGING ACCESSORY	F100B
	ET
703 remote control	●
704 remote control	●
6Y8 instruments	—
6Y7 instruments	●
6Y5 instruments	●

PROPELLER	F100B
	ET
Standard propeller	K
• Dual thrust propeller	—
TALON propeller	K
TALON SS propeller	K
TALON SS4 propeller	K
TALON PONTOON propeller	K
TALON GP propeller	K

CONSUMES	F100B
	ET
Yamalube 4	●
Yamalube gear oil (GL4/GL5)	●
Yamaha grease A	●
Yamaha grease D	●

— : N/A (Not available)

F115B FL115B

Fuel Injection
Digital Network



F115B

MODEL CODE (Approved code)

F115B 6EK (6EK)
FL115B 6EL (6EL)

MODELS AVAILABLE

Tiller Handle

F115B EHT

Remote Control

F115B ET
FL115B ET

Dry weight

F115B 175 – 185 kg
FL115B 179 kg

SPECIFICATIONS

Performance	F115B	FL115B
Max. prop shaft output	84.6 kW (115 ps)	
Full throttle operating range	5300 – 6300 r/min	
Idling speed	700 – 800 r/min	
Fuel consumption	(38.9 L/h @5800 r/min *reference data)	

Engine	
Engine type	16-Valve, DOHC, In-line 4
Displacement	1832 cm ³
Bore × stroke	81.0 × 88.9 mm
Compression ratio	10.0 :1
Starting enrichment	Fuel injection
Fuel induction system	Fuel injection
Lubrication system	Wet sump
Engine oil capacity	3.2 L/ 3.0 L (with / without oil filter replacement)
Ignition system	TCI
Ignition timing	—
Spark plug	LKR6E
Alternator	35 A (battery charging: 27 A)
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	— (continuously variable)
Shallow water drive	PTT: variable position
Steering angle	35 deg. each direction
Gear shift	F-N-R
Gear ratio	2.15 (28/13)
Gear oil capacity	0.760 L 0.715 L
Propeller fitting	Spline
Propeller rotation	Clockwise Counter clockwise
Shaft length	EHT: X / ET: L, X X
Engine transom height	L: 516 mm (20.3 inch), X: 643 mm (25.3 inch)

4-STROKE

75-130 ps

MODEL CATEGORY

PURPOSE OF USE		F115B	FL115B
Purpose	General	●	●
	Commercial use	—	—
	Bass fishing	—	—

FEATURE TABLE

CATEGORY	FEATURE ITEM	F115B	FL115B
Environment	Fuel vaporize control system	●	●
	Fuel vapor accumulation system	●	●
	Hydro-carbon gas burning system	●	●
Security	Start in gear protection*	●	—
	Over rev. limiter	●	●
	Overheat warning	●	●
	Anti knocking control	●	●
	Low oil press. warning	●	●
	Fail safe system	●	●
	Immobilizer adaptation	●	●
	YDIS interface	●	●
Corrosion prevention	Stainless steel water pump housing	●	●
	Stainless steel water tube	●	●
	Anodic coated muffler	●	●
	Freshwater flushing device	●	●
Power unit	Fuel injection	●	●
	Gasoline	Regular	Regular
Control system	Digital Electronic Control	—	—
	Digital network system (optional)	●	●
	Variable trolling switch adaptation	●	●
Convenience	Tilt lock lever	●	●
	Battery isolator (output)	—	—

* : EHT

— : N/A (Not available)

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	F115B		FL115B
	ET	EHT	ET
Tilt limiter	●	—	●
Immobilizer	●	●	●
Steering guide attachment	●	—	●
Tie bar	—	—	●
6X4 Multi-function tiller handle	●	—	—

RIGGING ACCESSORY	F115B		FL115B
	ET	EHT	ET
703 remote control	●	—	●
704 remote control	●	—	●
6Y8 instruments	●	●	●
6Y7 instruments	●	●	●
CL5 instruments	●	—	●
CL7 instruments	●	—	●
MFD Interface	●	—	●

PROPELLER	F115B		FL115B
	ET	EHT	ET
Standard propeller	K	K	KL
TALON propeller	K	K	—
TALON SS propeller	K	K	KL
TALON SS4 propeller	K	K	—
TALON PONTOON propeller	K	K	—
TALON GP propeller	K	K	—
"RELIANCE" propeller	—	—	—
"SALTWATER" propeller	—	—	—

CONSUMES	F115B		FL115B
	ET	EHT	ET
Yamalube 4	●	●	●
Yamalube gear oil (GL4/GL5)	●	●	●
Yamaha grease A	●	●	●
Yamaha grease D	●	●	●

F115C

VMAX
Fuel Injection
Digital Network



F115C

MODEL CODE (Approved code)

F115C 6FN (6FN)

MODELS AVAILABLE

Remote Control

F115C ET

Dry weight
176, 180 kg

SPECIFICATIONS

Performance	F115C
Max. prop shaft output	84.6 kW (115 ps)
Full throttle operating range	5300 – 6300 r/min
Idling speed	700 – 800 r/min
Fuel consumption	(46.3 L/h @6000 r/min *reference data)

Engine	
Engine type	16-Valve, DOHC, In-line 4
Displacement	1832 cm ³
Bore × stroke	81.0 × 88.9 mm
Compression ratio	10.0 :1
Starting enrichment	Fuel injection
Fuel induction system	Fuel injection
Lubrication system	Wet sump
Engine oil capacity	3.2 L/ 3.0 L (with / without oil filter replacement)
Ignition system	TCI
Ignition timing	—
Spark plug	LKR6E
Alternator	35 A (battery charging: 27 A)
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	— (continuously variable)
Shallow water drive	PTT: variable position
Steering angle	35 deg. each direction
Gear shift	F-N-R
Gear ratio	2.15 (28/13)
Gear oil capacity	0.760 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	L, X
Engine transom height	L: 516 mm (20.3 inch), X: 643 mm (25.3 inch)

4-STROKE

75-130 ps

MODEL CATEGORY

PURPOSE OF USE		F115C
Purpose	General	—
	Commercial use	—
	Bass fishing	●

FEATURE TABLE

CATEGORY	FEATURE ITEM	F115C
Environmental	Fuel vaporize control system	●
	Fuel vapor accumulation system	●
	Hydro carbon gas burning system	●
Security	Over rev. limiter	●
	Overheat warning	●
	Anti knocking control	●
	Low oil pressure warning	●
	Fail safe system	●
	Immobilizer adaptation	●
	YDIS interface and connection	●
Corrosion prevention	YDC30 alloy	●
	Stainless steel water pump housing	●
	Stainless steel water tube	●
	Heavy duty anodized muffler	●
	Freshwater flushing device	●
Power unit	Fuel injection	●
	Gasoline	Regular
	Variable camshaft timing	—
Control system	Analog meter output	●
	Digital network output	●
	Tilt limiter application	●
	Variable trolling switch control	●
Bracket	Light weight single ram PTT	●
Convenience	Tilt lock lever	●
	Battery isolator output	—

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY		F115C
		ET
Immobilizer		●
Tilt limiter		●
6X4 Multi-function tiller handle		●

RIGGING ACCESSORY		F115C
		ET
703 remote control		●
704 remote control		●
6X3 remote control		●
6Y5 instruments		●
6Y7 instruments		●
6Y8 instruments		●

PROPELLER		F115C
		ET
Standard propeller		K
TALON propeller		K
TALON SS propeller		K
TALON SS4 propeller		K
TALON PONTOON propeller		K
TALON GP propeller		K
"V MAX" propeller		—

CONSUMES		F115C
		ET
Yamalube 4		●
Yamalube gear oil (GL4/GL5)		●
Yamaha grease A		●
Yamaha grease D		●

— : N/A (Not available)

F130A

Fuel Injection
Digital Network



F130A

MODEL CODE (Approved code)

F130A 6EM (6EM)

MODELS AVAILABLE

Remote Control

F130A ET

Dry weight
176 – 180 kg

SPECIFICATIONS

Performance	F130A
Max. prop shaft output	95.6 kW (130 ps)
Full throttle operating range	5300 – 6300 r/min
Idling speed	700 – 800 r/min
Fuel consumption	(46.2 L/h @6000 r/min *reference data)

Engine	
Engine type	16-Valve, DOHC, In-line 4
Displacement	1832 cm ³
Bore × stroke	81.0 × 88.9 mm
Compression ratio	10.0 :1
Starting enrichment	Fuel injection
Fuel induction system	Fuel injection
Lubrication system	Wet sump
Engine oil capacity	3.2 L/ 3.0 L (with / without oil filter replacement)
Ignition system	TCI
Ignition timing	—
Spark plug	LKR6E
Alternator	35 A (battery charging: 27 A)
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	— (continuously variable)
Shallow water drive	PTT: variable position
Steering angle	35 deg. each direction
Gear shift	F-N-R
Gear ratio	2.15 (28/13)
Gear oil capacity	0.760 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	L, X
Engine transom height	L: 516 mm (20.3 inch), X: 643 mm (25.3 inch)

4-STROKE

75-130 ps

MODEL CATEGORY

PURPOSE OF USE		F130A
Purpose	General	●
	Commercial use	—
	Bass fishing	—

FEATURE TABLE

CATEGORY	FEATURE ITEM	F130A
Environmental	Fuel vaporize control system	●
	Fuel vapor accumulation system	●
	Hydro carbon gas burning system	●
Security	Over rev. limiter	●
	Overheat warning	●
	Anti knocking control	●
	Low oil pressure warning	●
	Fail safe system	●
	Immobilizer adaptation	●
	YDIS interface and connection	●
Corrosion prevention	YDC30 alloy	●
	Stainless steel water pump housing	●
	Stainless steel water tube	●
	Heavy duty anodized muffler	●
	Freshwater flushing device	●
Power unit	Fuel injection	●
	Gasoline	Regular
	Variable camshaft timing	—
Control system	Analog meter output	●
	Digital network output	●
	Tilt limiter application	●
	Variable trolling switch control	●
Bracket	Light weight single ram PTT	●
Convenience	Tilt lock lever	●
	Battery isolator output	—

— : N/A (Not available)

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	F130A
	ET
Immobilizer	●
Tilt limiter	●
6X4 Multi-function tiller handle	●

RIGGING ACCESSORY	F130A
	ET
703 remote control	●
704 remote control	●
6X3 remote control	●
6Y5 instruments	●
6Y7 instruments	●
6Y8 instruments	●
CL5 instruments	●
CL7 instruments	●
MFD Interface	●

PROPELLER	F130A
	ET
Standard propeller	K
"Pro" Regular propeller	K
TALON propeller	K
TALON SS propeller	K
TALON SS4 propeller	K
TALON PONTOON propeller	K
TALON GP propeller	K

CONSUMES	F130A
	ET
Yamalube 4	●
Yamalube gear oil (GL4/GL5)	●
Yamaha grease A	●
Yamaha grease D	●

F150D FL150D

Fuel Injection
Digital Network



F150D

MODEL CODE (Approved code)

F150D 63P (63P)

FL150D 64P (64P)

MODELS AVAILABLE

Remote Control

F150D ET

FL150D ET

Dry weight

222 – 227 kg

SPECIFICATIONS

Performance	F150D	FL150D
Max. prop shaft output	110.3 kW (150 ps)	
Full throttle operating range	5000 – 6000 r/min	
Idling speed	650 – 750 r/min	
Fuel consumption	(56.3 L/h @5500 r/min *reference data)	

Engine	
Engine type	16-Valve, DOHC, In-line 4
Displacement	2670 cm ³
Bore × stroke	94.0 × 96.2 mm
Compression ratio	9.0 :1
Starting enrichment	Fuel injection
Fuel induction system	Fuel injection
Lubrication system	Wet sump
Engine oil capacity	4.5 L/ 4.3 L (with / without oil filter replacement)
Ignition system	TCI
Ignition timing	—
Spark plug	LFR5A-11
Alternator	35 A (battery charging: 21 A)
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	— (continuously variable)
Shallow water drive	PTT: variable position
Steering angle	32 deg. each direction
Gear shift	F-N-R
Gear ratio	2.0 (28/14)
Gear oil capacity	0.980 L
Propeller fitting	Spline
Propeller rotation	Clockwise Counter clockwise
Shaft length	L, X
Engine transom height	L: 516 mm (20.3 inch), X: 643 mm (25.3 inch)

4-STROKE

150 ps

MODEL CATEGORY

PURPOSE OF USE		F150D	FL150D
Purpose	General	●	●
	Commercial use	—	—
	Bass fishing	—	—

FEATURE TABLE

CATEGORY	FEATURE ITEM	F150D	FL150D
Environment	Fuel vaporize control system	●	●
	Fuel vapor accumulation system	●	●
	Hydro-carbon gas burning system	●	●
Security	Over rev. limiter	●	●
	Overheat warning	●	●
	Anti knocking control	—	—
	Low oil press. warning	●	●
	Fail safe system	●	●
	Immobilizer adaptation	●	●
	YDIS interface	●	●
Corrosion prevention	Stainless steel water pump housing	●	●
	Stainless steel water tube	—	—
	Anodic coated muffler	●	●
	Anodic lower casing	—	—
	Freshwater flushing device	●	●
Power unit	Fuel injection	●	●
	Gasoline	Regular	Regular
Control system	Digital Electronic Control	—	—
	Digital network system (optional)	●	●
	Digital network system II (optional)	—	—
	Variable trolling switch adaptation	●	●
Convenience	Tilt lock lever	●	●
	Battery isolator (output)	●	●

— : N/A (Not available)

OPTIONAL ACCESSORY GUIDE

	F150D	FL150D
REMOTE CONTROL	ET	ET
Tilt limiter	●	●
Immobilizer	●	●
Steering guide attachment	●	●
Tie bar	—	●

	F150D	FL150D
RIGGING ACCESSORY	ET	ET
703 remote control	●	●
704 remote control	●	●
6Y8 instruments	●	●
6Y7 instruments	●	●
CL5 instruments	●	●
CL7 instruments	●	●
MFD Interface	●	●

	F150D	FL150D
PROPELLER	ET	ET
Standard propeller	M	ML
"RELIANCE SDS" propeller	M2	ML1
"Performance 3 SDS" propeller	M	ML
"SALTWATER" propeller	M	ML
"SALTWATER II SDS" propeller	T	TL
"SALTWATER II HP SDS" propeller	T	TL
"SALTWATER HS4 SDS" propeller	T	TL

	F150D	FL150D
CONSUMES	ET	ET
Yamalube 4	●	●
Yamalube gear oil (GL4/GL5)	●	●
Yamaha grease A	●	●
Yamaha grease D	●	●

F150F FL150F

Fuel Injection
Digital Network
Commercial



F150F

MODEL CODE (Approved code)

F150F	6BM (6BM)
FL150F	6BN (6BN)

MODELS AVAILABLE

Remote Control

F150F	ET
FL150F	ET

NOTE)

- Without the twin ballance shaft.
- More resistant to corrosion and abrasion.
- Anti-abrasion piston rings.
- Chrome-plated water pump.
- Anodic coating exhaust and lower case.

Dry weight
223 kg

SPECIFICATIONS

Performance	F150F	FL150F
Max. prop shaft output	110.3 kW (150 ps)	
Full throttle operating range	4500 – 5500 r/min	
Idling speed	650 – 750 r/min	
Fuel consumption	(56.3 L/h @5000 r/min *reference data)	

Engine	
Engine type	16-Valve, DOHC, In-line 4
Displacement	2670 cm ³
Bore × stroke	94.0 × 96.2 mm
Compression ratio	9.0 :1
Starting enrichment	Fuel injection
Fuel induction system	Fuel injection
Lubrication system	Wet sump
Engine oil capacity	4.5 L/ 4.3 L (with / without oil filter replacement)
Ignition system	TCI
Ignition timing	—
Spark plug	LFR5A-11
Alternator	35 A (battery charging: 21 A)
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	— (continuously variable)
Shallow water drive	PTT: variable position
Steering angle	32 deg. each direction
Gear shift	F-N-R
Gear ratio	2.0 (28/14)
Gear oil capacity	0.980 L
Propeller fitting	Spline
Propeller rotation	Clockwise Counter clockwise
Shaft length	X
Engine transom height	X: 643 mm (25.3 inch)

MODEL CATEGORY

PURPOSE OF USE		F150F	FL150F
Purpose	General	—	—
	Commercial use	●	●
	Bass fishing	—	—

FEATURE TABLE

CATEGORY	FEATURE ITEM	F150F	FL150F
Environment	Fuel vaporize control system	●	●
	Fuel vapor accumulation system	●	●
	Hydro-carbon gas burning system	●	●
Security	Over rev. limiter	●	●
	Overheat warning	●	●
	Anti knocking control	—	—
	Low oil press. warning	●	●
	Fail safe system	●	●
	Immobilizer adaptation	●	●
	YDIS interface	●	●
Corrosion prevention	Chrome plated water pump housing	●	●
	Stainless steel water tube	—	—
	Anodic coated muffler	●	●
	Anodic lower casing	●	●
	Freshwater flushing device	●	●
Power unit	Fuel injection	●	●
	Gasoline	Regular	Regular
Control system	Digital Electronic Control	—	—
	Digital network system (optional)	●	●
	Digital network system II (optional)	—	—
	Variable trolling switch adaptation	●	●
Convenience	Tilt lock lever	●	●
	Battery isolator (output)	●	●

— : N/A (Not available)

OPTIONAL ACCESSORY GUIDE

	F150F	FL150F
REMOTE CONTROL	ET	ET
Tilt limiter	—	—
Immobilizer	●	●
Steering guide attachment	●	●
Tie bar	—	●

	F150F	FL150F
RIGGING ACCESSORY	ET	ET
703 remote control	●	●
704 remote control	●	●
6Y8 instruments	●	●
6Y7 instruments	●	●
CL5 instruments	●	●
CL7 instruments	●	●
MFD Interface	●	●

	F150F	FL150F
PROPELLER	ET	ET
Standard propeller	M	ML
	M2	ML1
"RELIANCE SDS" propeller	M	ML
"Performance 3 SDS" propeller	M	ML
"SALTWATER" propeller	M	ML
"SALTWATER II SDS" propeller	T	TL
"SALTWATER II HP SDS" propeller	T	TL
"SALTWATER HS4 SDS" propeller	T	TL

	F150F	FL150F
CONSUMES	ET	ET
Yamalube 4	●	●
Yamalube gear oil (GL4/GL5)	●	●
Yamaha grease A	●	●
Yamaha grease D	●	●

F150C

VMAX
Fuel Injection
Digital Network



F150C

MODEL CODE (Approved code)

F150C 6EH (6EH)

MODELS AVAILABLE

Remote Control

F150C ET

Dry weight
223 – 227 kg

SPECIFICATIONS

Performance	F150C
Max. prop shaft output	110.3 kW (150 ps)
Full throttle operating range	5000 – 6000 r/min
Idling speed	650 – 750 r/min
Fuel consumption	(57.9 L/h @5500 r/min *reference data)

Engine	
Engine type	16-Valve, DOHC with VCT, In-line 4
Displacement	2785 cm ³
Bore × stroke	96.0 × 96.2 mm
Compression ratio	10.3 :1
Starting enrichment	Fuel injection
Fuel induction system	Fuel injection
Lubrication system	Wet sump
Engine oil capacity	4.5 L/ 4.3 L (with / without oil filter replacement)
Ignition system	TCI
Ignition timing	—
Spark plug	LFR6A-11
Alternator	50 A (battery charging: 42 A)
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	— (continuously variable)
Shallow water drive	PTT: variable position
Steering angle	32 deg. each direction
Gear shift	F-N-R
Gear ratio	2.0 (28/14)
Gear oil capacity	0.980 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	L, X
Engine transom height	L: 516 mm (20.3 inch), X: 643 mm (25.3 inch)

4-STROKE

150 ps

MODEL CATEGORY

PURPOSE OF USE		F150C
Purpose	General	X: ●
	Commercial use	—
	Bass fishing	L: ●

FEATURE TABLE

CATEGORY	FEATURE ITEM	F150C
Environment	Fuel vaporize control system	●
	Fuel vapor accumulation system	●
	Hydro-carbon gas burning system	●
Security	Over rev. limiter	●
	Overheat warning	●
	Anti knocking control	●
	Low oil press. warning	●
	Fail safe system	●
	Immobilizer adaptation	●
	YDIS interface	●
Corrosion prevention	Stainless steel water pump housing	●
	Stainless steel water tube	—
	Anodic coated muffler	—
	Freshwater flushing device	●
Power unit	Fuel injection	●
	Gasoline	Premium
Control system	Digital Electronic Control	—
	Digital network system (optional)	●
	Digital network system II (optional)	—
	Variable trolling switch adaptation	●
Convenience	Tilt lock lever	L: —, X: ●
	Battery isolator (output)	OP

— : N/A (Not available)

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	F150C
	ET
Tilt limiter	●
Immobilizer	●
Steering guide attachment	●
Tie bar	—

RIGGING ACCESSORY	F150C
	ET
703 remote control	●
704 remote control	●
6X3 remote control	●
6Y8 instruments	●
6Y7 instruments	●
6Y5 instruments	●

PROPELLER	F150C
	ET
"V MAX" propeller	T
"V MAX SHO" propeller	T
"Pro" propeller	L: M1 / M2
"RELIANCE SDS" propeller	X: M
"Performance 3 SDS" propeller	X: M
"SALTWATER HS4 SDS" propeller	X: T
"SALTWATER II HP SDS" propeller	X: T
"SALTWATER II SDS " propeller	X: T

CONSUMES	F150C
	ET
Yamalube 4	●
Yamalube gear oil (GL4/GL5)	●
Yamaha grease A	●
Yamaha grease D	●

F175A F200F FL200F

Fuel Injection
Digital Network



F200F

MODEL CODE (Approved code)

F175A	6FA (6FA)
F200F	6DA (6DA)
FL200F	6DB (6DB)

MODELS AVAILABLE

Remote Control

F175A	ET
F200F / FL200F	ET

Dry weight

F175A	224 , 225 kg
F200F / FL200F	226 , 227 kg

SPECIFICATIONS

Performance	F175A	F200F / FL200F
Max. prop shaft output	128.7 kW (175 ps)	147.1 kW (200 ps)
Full throttle operating range	5000 – 6000 r/min	
Idling speed	650 – 750 r/min	
Fuel consumption	(62.2 L/h @5500 r/min 72.0 L/h @6000 r/min) *reference data	

Engine		
Engine type	16-Valve, DOHC, In-line 4	16-Valve, DOHC with VCT, In-line 4
Displacement	2785 cm ³	
Bore × stroke	96.0 × 96.2 mm	
Compression ratio	10.3 :1	
Starting enrichment	Fuel injection	
Fuel induction system	Fuel injection	
Lubrication system	Wet sump	
Engine oil capacity	4.5 L / 4.3 L (with / without oil filter replacement)	
Ignition system	TCI	
Ignition timing	—	
Spark plug	LFR6A-11	
Alternator	50 A (battery charging: 42 A)	
Cooling system	Raw-water, thermostatically controlled	
Exhaust system	Through propeller boss	

Bracket / Drive		
Trim	— (continuously variable)	
Shallow water drive	PTT: variable position	
Steering angle	32 deg. each direction	
Gear shift	F-N-R	
Gear ratio	1.86 (26/14)	
Gear oil capacity	0.980 L	
Propeller fitting	Spline	
Propeller rotation	Clockwise / Counter clockwise	
Shaft length	L, X	L, X (FL200F: X)
Engine transom height	L: 516 mm (20.3 inch), X: 643 mm (25.3 inch)	

4-STROKE

175-300 ps

MODEL CATEGORY

PURPOSE OF USE		F175A	F200F FL200F
Purpose	General	●	●
	Commercial use	—	—
	Bass fishing	—	—

FEATURE TABLE

CATEGORY	FEATURE ITEM	F175A	F200F FL200F
Environment	Fuel vaporize control system	●	●
	Fuel vapor accumulation system	●	●
	Hydro-carbon gas burning system	●	●
Security	Over rev. limiter	●	●
	Overheat warning	●	●
	Anti knocking control	●	●
	Low oil press. warning	●	●
	Fail safe system	●	●
	Immobilizer adaptation	●	●
	YDIS interface	●	●
Corrosion prevention	Stainless steel water pump housing	●	●
	Stainless steel water tube	—	—
	Anodic coated muffler	●	●
	Anodic lower casing	—	—
	Freshwater flushing device	●	●
Power unit	Fuel injection	●	●
	Gasoline	Regular	Premium
	Variable cam timing	—	●
Control system	Digital Electronic Control	—	—
	Digital network system (optional)	●	●
	Digital network system II (optional)	—	—
	One-touch start/stop control	—	—
	Variable trolling switch adaptation	●	●
Convenience	Tilt lock lever	●	●
	Battery isolator (output)	●	●

— : N/A (Not available)

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	F175A ET	F200F ET	FL200F ET
Tilt limiter	●	●	●
Immobilizer	●	●	●
Steering guide attachment	●	●	●
Tie bar	—	—	●

RIGGING ACCESSORY	F175A ET	F200F ET	FL200F ET
703 remote control	●	●	●
704 remote control	●	●	●
6Y8 instruments	●	●	●
6Y7 instruments	—	—	—
CL5 instruments	●	●	●
CL7 instruments	●	●	●
MFD Interface	●	●	●

PROPELLER	F175A ET	F200F ET	FL200F ET
Standard propeller	M	M	ML
	M2	M2	ML1
	T	—	—
"RELIANCE SDS" propeller	M	M	ML
"Performance 3 SDS" propeller	M	M	ML
"SALTWATER" propeller	M	—	—
"SALTWATER II SDS" propeller	T	T	TL
"SALTWATER II HP SDS" propeller	T	T	TL
"SALTWATER HS4 SDS" propeller	T	T	TL

CONSUMES	F175A ET	F200F ET	FL200F ET
Yamalube 4	●	●	●
Yamalube gear oil (GL4/GL5)	●	●	●
Yamaha grease A	●	●	●
Yamaha grease D	●	●	●

F150G FL150G F175C FL175C F200G FL200G

Fuel Injection
Digital Network
Digital Electronic Control



F200G

MODEL CODE (Approved code)

F150G	6HP (6HP)
FL150G	6HR (6HR)
F175C	6HS (6HS)
FL175C	6HT (6HT)
F200G	6DV (6DV)
FL200G	6DW (6DW)

MODELS AVAILABLE

Remote Control

F150G / FL150G	ET
F175C / FL175C	ET
F200G / FL200G	ET

Dry weight
226 – 228 kg

SPECIFICATIONS

Performance	F150G / FL150G	F175C / FL175C	F200G / FL200G
Max. prop shaft output	110.3 kW (150 ps)	128.7 kW (175 ps)	147.1 kW (200 ps)
Full throttle operating range	5000 – 6000 r/min		
Idling speed	650 – 750 r/min		
Fuel consumption	57.7 L/h @6000 r/min 62.2 L/h @5500 r/min 72.0 L/h @6000 r/min *reference data		

Engine		
Engine type	16-Valve, DOHC, In-line4	16-Valve, DOHC with VCT, In-line4
Displacement	2785 cm ³	
Bore × stroke	96.0 × 96.2 mm	
Compression ratio	10.3 :1	
Starting enrichment	Fuel injection	
Fuel induction system	Fuel injection	
Lubrication system	Wet sump	
Engine oil capacity	4.5 L / 4.3 L (with / without oil filter replacement)	
Ignition system	TCI	
Ignition timing	—	
Spark plug	LFR6A-11	
Alternator	50 A	
Cooling system	Raw-water, thermostatically controlled	
Exhaust system	Through propeller boss	

Bracket / Drive			
Trim	— (continuously variable)		
Shallow water drive	PTT: variable position		
Steering angle	32 deg. each direction		
Gear shift	F-N-R		
Gear ratio	2.00 (28/14)	1.86 (26/14)	1.86 (26/14)
Gear oil capacity	0.980 L		
Propeller fitting	Spline		
Propeller rotation	Clockwise / Counter clockwise		
Shaft length	L/X, X	L/X, X	L, X
Engine transom height	L: 516 mm (20.3 inch), X: 643 mm (25.3 inch)		

4-STROKE

150-300 ps

MODEL CATEGORY

PURPOSE OF USE		F150G FL150G	F175C FL175C	F200G FL200G
Purpose	General	●	●	●
	Commercial use	—	—	—
	Bass fishing	—	—	—

FEATURE TABLE

CATEGORY	FEATURE ITEM	F150G FL150G	F175C FL175C	F200G FL200G
Environment	Fuel vaporize control system	●	●	●
	Fuel vapor accumulation system	●	●	●
	Hydro-carbon gas burning system	●	●	●
Security	Over rev. limiter	●	●	●
	Overheat warning	●	●	●
	Anti knocking control	●	●	●
	Low oil press. warning	●	●	●
	Fail safe system	●	●	●
	Immobilizer adaptation	●	●	●
	YDIS interface	●	●	●
	Stainless steel water pump housing	●	●	●
Corrosion prevention	Stainless steel water tube	—	—	—
	Anodic coated muffler	●	●	●
	Anodic lower casing	—	—	—
	Freshwater flushing device	●	●	●
Power unit	Fuel injection	●	●	●
	Gasoline	Regular	Regular	Premium
	Variable cam timing	—	—	●
Control system	Digital Electronic Control	●	●	●
	Digital network system (optional)	●	●	●
	Digital network system II (optional)	●	●	●
	One-touch start/stop control	●	●	●
	Variable trolling switch adaptation	●	●	●
Convenience	Tilt lock lever	●	●	●
	Battery isolator (output)	●	●	●

— : N/A (Not available)

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	F150G	FL150G	F175C	FL175C	F200G	FL200G
Tilt limiter	●	●	●	●	●	●
Immobilizer	●	●	●	●	●	●
Steering guide attachment	●	●	●	●	●	●
Tie bar	—	●	—	●	—	●

RIGGING ACCESSORY	F150G	FL150G	F175C	FL175C	F200G	FL200G
6X9 remote control	●	●	●	●	●	●
6Y8 instruments	●	●	●	●	●	●
CL5 instruments	●	●	●	●	●	●
CL7 instruments	●	●	●	●	●	●
MFD Interface	●	●	●	●	●	●
Helm master EX	●	●	●	●	●	●

PROPELLER	F150G	FL150G	F175C	FL175C	F200G	FL200G
Standard propeller	M	ML	M	ML	M	ML
"RELIANCE SDS" propeller	M	ML	M	ML	M	ML
"Performance 3 SDS" propeller	M	ML	M	ML	M	ML
"SALTWATER II SDS" propeller	T	TL	T	TL	T	TL
"SALTWATER II HP SDS" propeller	T	TL	T	TL	T	TL
"SALTWATER HS4 SDS" propeller	T	TL	T	TL	T	TL

CONSUMES	F150G	FL150G	F175C	FL175C	F200G	FL200G
Yamalube 4	●	●	●	●	●	●
Yamalube gear oil (GL4/GL5)	●	●	●	●	●	●
Yamaha grease A	●	●	●	●	●	●
Yamaha grease D	●	●	●	●	●	●

F175B

VMAX Fuel Injection Digital Network



F175B

MODEL CODE (Approved code)

F175B 6FH (6FH)

MODELS AVAILABLE

Remote Control

F175B ET

Dry weight
223, 227 kg

SPECIFICATIONS

Performance	F175B
Max. prop shaft output	128.7 kW (175 ps)
Full throttle operating range	5000 – 6000 r/min
Idling speed	650 – 750 r/min
Fuel consumption	(67.8 L/h @5500 r/min *reference data)

Engine	
Engine type	16-Valve, DOHC with VCT, In-line 4
Displacement	2785 cm ³
Bore × stroke	96.0 × 96.2 mm
Compression ratio	10.3 :1
Starting enrichment	Fuel injection
Fuel induction system	Fuel injection
Lubrication system	Wet sump
Engine oil capacity	4.5 L/ 4.3 L (with / without oil filter replacement)
Ignition system	TCI
Ignition timing	—
Spark plug	LFR6A-11
Alternator	50 A (battery charging: 42 A)
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	— (continuously variable)
Shallow water drive	PTT: variable position
Steering angle	32 deg. each direction
Gear shift	F-N-R
Gear ratio	1.86 (26/14)
Gear oil capacity	0.980 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	L, X
Engine transom height	L: 516 mm (20.3 inch), X: 643 mm (25.3 inch)

4-STROKE

175-300 ps

MODEL CATEGORY

PURPOSE OF USE		F175B
Purpose	General	—
	Commercial use	—
	Bass fishing	●

FEATURE TABLE

CATEGORY	FEATURE ITEM	F175B
Environmental	Fuel vaporization control system	●
	Fuel vapor accumulation system	●
	Hydro-carbon gas re-burning system	●
Security	Over rev. limiter	●
	Overheat warning	●
	Anti knocking control	●
	Low oil pressure warning	●
	Fail safe system	●
	Immobilizer adaptation	●
	YDIS interface and connection	●
Corrosion prevention	YDC30 alloy	●
	Stainless steel water pump housing	●
	Stainless steel water tube	—
	Heavy duty anodized muffler	●
	Freshwater flushing device	●
Power unit	Fuel injection	●
	Gasoline	Premium
	Variable camshaft timing	●
Control system	Analog meter output	●
	Digital network output	●
	Tilt limiter connection	●
	Variable trolling switch adaptation	●
Convenience	Tilt lock lever	—
	Dual battery charging output	●

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY		F175B
		ET
Immobilizer kit		●
Tilt limiter		●

RIGGING ACCESSORY		F175B
		ET
703 remote control		●
704 remote control		●
6X3 remote control		●
6Y5 instruments		●
6Y7 instruments		●
6Y8 instruments		●

PROPELLER		F175B
		ET
"V MAX" propeller		T
"V MAX SHO" propeller		T
"Pro" propeller		M1 / M2

CONSUMES		F175B
		ET
Yamalube 4		●
Yamalube gear oil (GL4/GL5)		●
Yamaha grease A		●
Yamaha grease D		●

— : N/A (Not available)

F200B FL200B F250H FL250H

Fuel Injection
Digital Network
Commercial



F250H

MODEL CODE (Approved code)

F200B	6S1 (6S1)
FL200B	6S2 (6S2)
F250H	6FJ (6DX)
FL250H	6FK (6DY)

MODELS AVAILABLE

Remote Control

F200B / FL200B	ET
F250H / FL250H	ET

NOTE)

More resistant to corrosion and abrasion:

- Anti-abrasion piston rings.
- Chrome-plated water pump.
- Hard anodized lower casing.

Dry weight

283 – 289 kg

SPECIFICATIONS

Performance	F200B / FL200B	F250H / FL250H
Max. prop shaft output	147.1 kW (200 ps)	183.9 kW (250 ps)
Full throttle operating range	5000 – 6000 r/min	
Idling speed	600 – 700 r/min	
Fuel consumption	73.7 L/h @5500 r/min 75.6 L/h @5500 r/min *reference data	

Engine

Engine type	24-Valve, DOHC with VCT, 60 deg. V6
Displacement	3352 cm ³
Bore × stroke	94.0 × 80.5 mm
Compression ratio	9.9 :1
Starting enrichment	Fuel injection
Fuel induction system	Fuel injection
Lubrication system	Wet sump
Engine oil capacity	4.7 L/ 4.5 L (with / without oil filter replacement)
Ignition system	TCI
Ignition timing	—
Spark plug	LFR6A-11
Alternator	46 A (battery charging: 27 A)
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive

Trim	— (continuously variable)
Shallow water drive	PTT: variable position
Steering angle	32 deg. each direction
Gear shift	F-N-R
Gear ratio	2.0 (26/13)
Gear oil capacity	1.150 L / 1.000 L
Propeller fitting	Spline
Propeller rotation	Clockwise / Counter clockwise
Shaft length	X, U
Engine transom height	X: 643 mm (25.3 inch), U: 770 mm (30.3 inch)

4-STROKE

175-300 ps

MODEL CATEGORY

PURPOSE OF USE		F200B FL200B	F250H FL250H
Purpose	General	—	—
	Commercial use	●	●
	Bass fishing	—	—

FEATURE TABLE

CATEGORY	FEATURE ITEM	F200B FL200B	F250H FL250H
Environment	Fuel vaporize control system	●	●
	Fuel vapor accumulation system	●	●
	Hydro-carbon gas burning system	●	●
Security	Over rev. limiter	●	●
	Overheat warning	●	●
	Anti knocking control	●	●
	Low oil press. warning	●	●
	Fail safe system	●	●
	Immobilizer adaptation	—	—
	YDIS interface	●	●
	Prop damper cooler	—	—
Corrosion prevention	Chrome plated water pump housing	●	●
	Stainless steel water tube	●	●
	Anodic coated muffler	●	●
	Anodic lower casing	●	●
	Freshwater flushing device	●	●
Power unit	Fuel injection	●	●
	Gasoline	Regular	Regular
	Variable cam timing	●	●
Control system	Digital Electronic Control	—	—
	Digital network system (optional)	●	●
	Digital network system II (optional)	—	—
	Variable trolling switch adaptation	—	—
Convenience	Tilt lock lever	●	●
	Battery isolator (output)	●	●

— : N/A (Not available)

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	F200B ET	FL200B ET	F250H ET	FL250H ET
Tilt limiter	—	—	—	—
Immobilizer	—	—	—	—
Steering guide attachment	●	●	●	●
Tie bar	—	●	—	●

RIGGING ACCESSORY	F200B ET	FL200B ET	F250H ET	FL250H ET
703 remote control	●	●	●	●
704 remote control	●	●	●	●
6Y8 instruments	●	●	●	●
6Y7 instruments	—	—	—	—
CL5 instruments	●	●	●	●
CL7 instruments	●	●	●	●
MFD Interface	●	●	●	●

PROPELLER	F200B ET	FL200B ET	F250H ET	FL250H ET
Standard propeller	M	ML	M	ML
	M2	ML1	M2	ML1
	T	TL	T	TL
"RELIANCE SDS" propeller	M	ML	M	ML
"Performance 3 SDS" propeller	M	ML	M	ML
"SALTWATER" propeller	M	ML	M	ML
"SALTWATER II SDS" propeller	T	TL	T	TL
"SALTWATER II HP SDS" propeller	T	TL	T	TL
"SALTWATER HS4 SDS" propeller	T	TL	T	TL

CONSUMES	F200B ET	FL200B ET	F250H ET	FL250H ET
Yamalube 4	●	●	●	●
Yamalube gear oil (GL4/GL5)	●	●	●	●
Yamaha grease A	●	●	●	●
Yamaha grease D	●	●	●	●

F200C FL200C F225B FL225B

Fuel Injection Digital Network



F200C

MODEL CODE (Approved code)

F200C	6AL (6AL)
FL200C	6AM (6AM)
F225B	6AS (6AS)
FL225B	6AT (6AT)

MODELS AVAILABLE

Remote Control

F200C / FL200C	ET
F225B / FL225B	ET

Dry weight
283 kg

SPECIFICATIONS

Performance	F200C / FL200C	F225B / FL225B
Max. prop shaft output	147.1 kW (200 ps)	165.5 kW (225 ps)
Full throttle operating range	5000 – 6000 r/min	
Idling speed	600 – 700 r/min	
Fuel consumption	(63.5 L/h @5500 r/min 70.5 L/h @5500 r/min) *reference data	

Engine

Engine type	24-Valve, DOHC with VCT, 60 deg. V6
Displacement	3352 cm ³
Bore × stroke	94.0 × 80.5 mm
Compression ratio	9.9 :1
Starting enrichment	Fuel injection
Fuel induction system	Fuel injection
Lubrication system	Wet sump
Engine oil capacity	4.7 L / 4.5 L (with / without oil filter replacement)
Ignition system	TCI
Ignition timing	—
Spark plug	LFR6A-11
Alternator	46 A (battery charging: 27 A)
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive

Trim	— (continuously variable)	
Shallow water drive	PTT: variable position	
Steering angle	32 deg. each direction	
Gear shift	F-N-R	
Gear ratio	2.0 (30/15)	
Gear oil capacity	1.150 L / 1.000 L	1.150 L / 1.000 L
Propeller fitting	Spline	
Propeller rotation	Clockwise / Counter clockwise	
Shaft length	X	
Engine transom height	X: 643 mm (25.3 inch)	

4-STROKE

175-300 ps

MODEL CATEGORY

PURPOSE OF USE		F200C FL200C	F225B FL225B
Purpose	General	●	●
	Commercial use	—	—
	Bass fishing	—	—

FEATURE TABLE

CATEGORY	FEATURE ITEM	F200C FL200C	F225B FL225B
Environment	Fuel vaporize control system	●	●
	Fuel vapor accumulation system	●	●
	Hydro-carbon gas burning system	●	●
Security	Over rev. limiter	●	●
	Overheat warning	●	●
	Anti knocking control	●	●
	Low oil press. warning	●	●
	Fail safe system	●	●
	Immobilizer adaptation	—	—
	YDIS interface	●	●
	Dual water inlet	—	—
	Prop damper cooler	—	—
	Stainless steel water pump housing	●	●
Corrosion prevention	Stainless steel water tube	●	●
	Anodic coated muffler	●	●
	Anodic lower casing	—	—
	Freshwater flushing device	●	●
Power unit	Fuel injection	●	●
	Gasoline	Regular	Regular
	Variable cam timing	●	●
Control system	Digital Electronic Control	—	—
	Digital network system (optional)	●	●
	Digital network system II (optional)	—	—
	Variable trolling switch adaptation	—	—
Convenience	Tilt lock lever	●	●
	Battery isolator (output)	●	●

— : N/A (Not available)

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	F200C ET	FL200C ET	F225B ET	FL225B ET
Tilt limiter	—	—	—	—
Immobilizer	—	—	—	—
Steering guide attachment	●	●	●	●
Tie bar	—	●	—	●

RIGGING ACCESSORY	F200C ET	FL200C ET	F225B ET	FL225B ET
703 remote control	●	●	●	●
704 remote control	●	●	●	●
6Y8 instruments	●	●	●	●
6Y7 instruments	—	—	—	—
CL5 instruments	●	●	●	●
CL7 instruments	●	●	●	●
MFD Interface	●	●	●	●

PROPELLER	F200C ET	FL200C ET	F225B ET	FL225B ET
Standard propeller	M	ML	M	ML
	M2	ML1	M2	ML1
	T	TL	T	TL
"RELIANCE SDS" propeller	M	ML	M	ML
"Performance 3 SDS" propeller	M	ML	M	ML
"SALTWATER" propeller	M	ML	M	ML
"SALTWATER II SDS" propeller	T	TL	T	TL
"SALTWATER II HP SDS" propeller	T	TL	T	TL
"SALTWATER HS4 SDS" propeller	T	TL	T	TL
"V MAX" propeller	—	—	—	—

CONSUMES	F200C ET	FL200C ET	F225B ET	FL225B ET
Yamalube 4	●	●	●	●
Yamalube gear oil (GL4/GL5)	●	●	●	●
Yamaha grease A	●	●	●	●
Yamaha grease D	●	●	●	●

F200D F225D F250C

VMAX Fuel Injection Digital Network



F250C

MODEL CODE (Approved code)

F200D	6CD (6CD)
F225D	6CC (6CC)
F250C	6CB (6CB)

MODELS AVAILABLE

Remote Control

F200D	ET
F225D	ET
F250C	ET

Dry weight
239 kg

SPECIFICATIONS

Performance	F200D	F225D	F250C
Max. prop shaft output	147.1 kW (200 ps)	165.5 kW (225 ps)	183.8 kW (250 ps)
Full throttle operating range	5000 – 6000 r/min		
Idling speed	700 – 800 r/min		
Fuel consumption	69.6 L/h 76.1 L/h 82.9 L/h @5500 r/min @5500 r/min @5500 r/min *reference data		

Engine	
Engine type	24-Valve, DOHC with VCT, 60 deg. V6
Displacement	4169 cm ³
Bore × stroke	96.0 × 96.0 mm
Compression ratio	10.3 :1
Starting enrichment	Fuel injection
Fuel induction system	Fuel injection
Lubrication system	Wet sump
Engine oil capacity	6.7 L / 6.4 L (with / without oil filter replacement)
Ignition system	TCI
Ignition timing	—
Spark plug	LFR6A-11
Alternator	50 A (battery charging: 35 A)
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	— (continuously variable)
Shallow water drive	PTT: variable position
Steering angle	35 deg. each direction
Gear shift	F-N-R
Gear ratio	1.75 (21/12)
Gear oil capacity	1.040 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	L
Engine transom height	L: 493 mm (19.4 inch)

4-STROKE

175-300 ps

MODEL CATEGORY

PURPOSE OF USE		F200D	F225D	F250C
Purpose	General	—	—	—
	Bass fishing	●	●	●

FEATURE TABLE

CATEGORY	FEATURE ITEM	F200D	F225D	F250C
Environment	Fuel vaporize control system	●	●	●
	Fuel vapor accumulation system	●	●	●
	Hydro-carbon gas burning system	●	●	●
Security	Over rev. limiter	●	●	●
	Overheat warning	●	●	●
	Anti knocking control	●	●	●
	Low oil press. warning	●	●	●
	Fail safe system	●	●	●
	Immobilizer adaptation	●	●	●
	YDIS interface	●	●	●
	Prop damper cooler	●	●	●
Corrosion prevention	Stainless steel water pump housing	●	●	●
	Stainless steel water tube	●	●	●
	Anodic coated muffler	●	●	●
	Freshwater flushing device	●	●	●
Power unit	Fuel injection	●	●	●
	Gasoline	Regular	Premium	Premium
	Plasma fused sleeves cylinder	●	●	●
	Variable cam timing	●	●	●
Control system	Digital Electronic Control	—	—	—
	Digital network system (optional)	●	●	●
	Digital network system II (optional)	—	—	—
	Variable trolling switch adaptation	—	—	—
Convenience	Tilt lock lever	—	—	—
	Battery isolator (output)	—	—	—

— : N/A (Not available)

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	F200D	F225D	F250C
	ET	ET	ET
Tilt limiter	●	●	●
Immobilizer	●	●	●
Steering guide attachment	●	●	●

RIGGING ACCESSORY	F200D	F225D	F250C
	ET	ET	ET
703 remote control	●	●	●
704 remote control	●	●	●
6X3 remote control	●	●	●
6Y8 instruments	●	●	●
6Y7 instruments	●	●	●
6Y5 instruments	●	●	●

PROPELLER	F200D	F225D	F250C
	ET	ET	ET
Standard propeller	—	—	—
"V MAX" propeller	T	T	T
"V MAX SHO" propeller	T	T	T

CONSUMES	F200D	F225D	F250C
	ET	ET	ET
Yamalube 4	●	●	●
Yamalube gear oil (GL4/GL5)	●	●	●
Yamaha grease A	●	●	●
Yamaha grease D	●	●	●

4-STROKE

175-300 ps

F200H F250J

VMAX
Fuel Injection
Digital Network



F250J

MODEL CODE (Approved code)

F200H	6JV (6JV)
F250J	6FR (6FR)

MODELS AVAILABLE

Remote Control

F200H	ET
F250J	ET

Dry weight
259 kg

SPECIFICATIONS

Performance	F200H	F250J
Max. prop shaft output	147.1 kW (200 ps)	183.8 kW (250 ps)
Full throttle operating range	5000 – 6000 r/min	
Idling speed	650 – 750 r/min	
Fuel consumption	(70.5 L/h @5500 r/min 85.2 L/h @5500 r/min) *reference data	

Engine	
Engine type	24-Valve, DOHC with VCT, 60 deg. V6
Displacement	4169 cm ³
Bore × stroke	96.0 × 96.0 mm
Compression ratio	10.3 :1
Starting enrichment	Fuel injection
Fuel induction system	Fuel injection
Lubrication system	Wet sump
Engine oil capacity	6.7 L/ 6.4 L (with / without oil filter replacement)
Ignition system	TCI
Ignition timing	—
Spark plug	LFR6A-11
Alternator	50 A (battery charging: 35 A)
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	— (continuously variable)
Shallow water drive	PTT: variable position
Steering angle	32 deg. each direction
Gear shift	F-N-R
Gear ratio	1.75 (21/12)
Gear oil capacity	1.040 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	X
Engine transom height	X: 643 mm (25.3 inch)

4-STROKE

175-300 ps

MODEL CATEGORY

PURPOSE OF USE		F200H	F250J
Purpose	General	●	●
	Bass fishing	—	—

FEATURE TABLE

CATEGORY	FEATURE ITEM	F200H	F250J
Environment	Fuel vaporize control system	●	●
	Fuel vapor accumulation system	●	●
	Hydro-carbon gas burning system	●	●
Security	Over rev. limiter	●	●
	Overheat warning	●	●
	Anti knocking control	●	●
	Low oil press. warning	●	●
	Fail safe system	●	●
	Immobilizer adaptation	●	●
	YDIS interface	●	●
	Prop damper cooler	●	●
Corrosion prevention	Stainless steel water pump housing	●	●
	Stainless steel water tube	●	●
	Anodic coated muffler	●	●
	Freshwater flushing device	●	●
Power unit	Fuel injection	●	●
	Gasoline	Regular	Premium
	Plasma fused sleeves cylinder	●	●
	Variable cam timing	●	●
Control system	Digital Electronic Control	—	—
	Digital network system (optional)	●	●
	Digital network system II (optional)	—	—
	Variable trolling switch adaptation	—	—
Convenience	Tilt lock lever	—	—
	Battery isolator (output)	—	—

— : N/A (Not available)

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	F200H	F250J
	ET	ET
Tilt limiter	●	●
Immobilizer	●	●
Steering guide attachment	●	●

	F200H	F250J
	ET	ET
RIGGING ACCESSORY		
703 remote control	●	●
704 remote control	●	●
6Y8 instruments	●	●
6Y7 instruments	●	●
6Y5 instruments	●	●

	F200H	F250J
	ET	ET
PROPELLER		
Standard propeller	—	—
"Reliance SDS" propeller	M	M
"Performance 3 SDS" propeller	M	M
"Saltwater" propeller	—	—
"Saltwater II SDS" propeller	T	T
"SALTWATER II HP SDS" propeller	—	T
"Saltwater HS4 SDS" propeller	T	T

	F200H	F250J
	ET	ET
CONSUMES		
Yamalube 4	●	●
Yamalube gear oil (GL5)	●	●
Yamaha grease A	●	●
Yamaha grease D	●	●

F225F FL225F F250D FL250D F300B FL300B

Fuel Injection
Digital Network
Digital Electronic Control



F300B

MODEL CODE (Approved code)

F225F	6CL (6CL)
FL225F	6CM (6CM)
F250D	6CG (6CG)
FL250D	6CH (6CH)
F300B	6CE (6CE)
FL300B	6CF (6CF)

MODELS AVAILABLE

Remote Control

F225F / FL225F	ET
F250D / FL250D	ET
F300B / FL300B	ET

Dry weight
260 – 268 kg

SPECIFICATIONS

Performance	F225F / FL225F	F250D / FL250D	F300B / FL300B						
Max. prop shaft output	165.5 kW (225 ps)	183.8 kW (250 ps)	220.6 kW (300 ps)						
Full throttle operating range	5000 – 6000 r/min								
Idling speed	650 – 750 r/min								
Fuel consumption	<table><tr><td>75.5 L/h</td><td>83.9 L/h</td><td>96.6 L/h</td></tr><tr><td>@5500 r/min</td><td>@5500 r/min</td><td>@5500 r/min</td></tr></table> *reference data			75.5 L/h	83.9 L/h	96.6 L/h	@5500 r/min	@5500 r/min	@5500 r/min
75.5 L/h	83.9 L/h	96.6 L/h							
@5500 r/min	@5500 r/min	@5500 r/min							

Engine

Engine type	24-Valve, DOHC with VCT, 60 deg. V6
Displacement	4169 cm ³
Bore × stroke	96.0 × 96.0 mm
Compression ratio	10.3 :1
Starting enrichment	Fuel injection
Fuel induction system	Fuel injection
Lubrication system	Wet sump
Engine oil capacity	6.3 L / 6.0 L (with / without oil filter replacement)
Ignition system	TCI
Ignition timing	—
Spark plug	LFR6A-11
Alternator	70 A (battery charging: 55 A)
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive

Trim	— (continuously variable)
Shallow water drive	PTT: variable position
Steering angle	32 deg. each direction
Gear shift	F-N-R
Gear ratio	1.75 (21/12)
Gear oil capacity	1.040 L
Propeller fitting	Spline
Propeller rotation	Clockwise / Counter clockwise
Shaft length	X, U (FL225F: X)
Engine transom height	X: 643 mm (25.3 inch), U: 770 mm (30.3 inch)

4-STROKE

150-300 ps

MODEL CATEGORY

PURPOSE OF USE		F225F FL225F	F250D FL250D	F300B FL300B
Purpose	General	●	●	●
	Commercial use	—	—	—
	Bass fishing	—	—	—

FEATURE TABLE

CATEGORY	FEATURE ITEM	F225F FL225F	F250D FL250D	F300B FL300B
Environment	Fuel vaporize control system	●	●	●
	Fuel vapor accumulation system	●	●	●
	Hydro-carbon gas burning system	●	●	●
Security	Over rev. limiter	●	●	●
	Overheat warning	●	●	●
	Anti knocking control	●	●	●
	Low oil press. warning	●	●	●
	Fail safe system	●	●	●
	Immobilizer adaptation	●	●	●
	YDIS interface	●	●	●
	Dual water inlet	●	●	●
	Prop damper cooler	●	●	●
	Stainless steel water pump housing	●	●	●
Corrosion prevention	Anodic coated muffler	●	●	●
	Freshwater flushing device	●	●	●
	Fuel injection	●	●	●
Power unit	Gasoline	Regular	Regular	Premium
	Plasma fused sleeves cylinder	●	●	●
	Variable cam timing	●	●	●
Control system	Digital Electronic Control	●	●	●
	Digital network system (optional)	●	●	●
	Digital network system II (optional)	●	●	●
	One-touch start/stop control	●	●	●
	Variable trolling switch adaptation	●	●	●
Convenience	Tilt lock lever	●	●	●
	Battery isolator (output)	●	●	●

— : N/A (Not available)

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	F225F	FL225F	F250D	FL250D	F300B	FL300B
	ET	ET	ET	ET	ET	ET
Tilt limiter	●	●	●	●	●	●
Immobilizer	●	●	●	●	●	●
Steering guide attachment	●	●	●	●	●	●

RIGGING ACCESSORY	F225F	FL225F	F250D	FL250D	F300B	FL300B
	ET	ET	ET	ET	ET	ET
6X9 remote control	●	●	●	●	●	●
6Y8 instruments	●	●	●	●	●	●
CL5 instruments	●	●	●	●	●	●
CL7 instruments	●	●	●	●	●	●
MFD Interface	●	●	●	●	●	●
Helm master EX	●	●	●	●	●	●

PROPELLER	F225F	FL225F	F250D	FL250D	F300B	FL300B
	ET	ET	ET	ET	ET	ET
Standard propeller	—	—	—	—	—	—
"RELIANCE" propeller	M	ML	M	ML	M	ML
"Performance 3 SDS" propeller	M	ML	M	ML	M	ML
"SALTWATER II" propeller	T	TL	T	TL	T	TL
"SALTWATER II HP SDS" propeller	T	TL	T	TL	T	TL
"SALTWATER HS4" propeller	T	TL	T	TL	T	TL

CONSUMES	F225F	FL225F	F250D	FL250D	F300B	FL300B
	ET	ET	ET	ET	ET	ET
Yamalube 4	●	●	●	●	●	●
Yamalube gear oil (GL5)	●	●	●	●	●	●
Yamaha grease A	●	●	●	●	●	●
Yamaha grease D	●	●	●	●	●	●

F300D FL300D

Fuel Injection
Digital Network
Digital Electronic Control
Commercial



F300D

MODEL CODE (Approved code)

F300D 6JD (6JD)

FL300D 6JE (6JE)

MODELS AVAILABLE

Remote Control

F300D / FL300D ET

SPECIFICATIONS

Performance	F300D / FL300D
Max. prop shaft output	220.6 kW (300 ps)
Full throttle operating range	5000 – 6000 r/min
Idling speed	650 – 750 r/min
Fuel consumption	(105.0 L/h @5500 r/min *reference data)

Engine	
Engine type	24-Valve, DOHC with VCT, 60 deg. V6
Displacement	4169 cm ³
Bore × stroke	96.0 × 96.0 mm
Compression ratio	10.3 :1
Starting enrichment	Fuel injection
Fuel induction system	Fuel injection
Lubrication system	Wet sump
Engine oil capacity	6.3 L / 6.0 L (with / without oil filter replacement)
Ignition system	TCI
Ignition timing	—
Spark plug	LFR6A-11
Alternator	70 A (battery charging: 55 A)
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	— (continuously variable)
Shallow water drive	PTT: variable position
Steering angle	32 deg. each direction
Gear shift	F-N-R
Gear ratio	1.73 (26/15)
Gear oil capacity	1.480 L / 1.328 L
Propeller fitting	Spline
Propeller rotation	Clockwise / Counter clockwise
Shaft length	X, U
Engine transom height	X: 642 mm (25.3 inch), U: 769 mm (30.3 inch)

Dry weight
269 – 276 kg

4-STROKE

150-300 ps

MODEL CATEGORY

PURPOSE OF USE		F300D	FL300D
Purpose	General	—	—
	Commercial use	●	●
	Bass fishing	—	—

FEATURE TABLE

CATEGORY	FEATURE ITEM	F300D	FL300D
Environment	Fuel vaporize control system	●	●
	Fuel vapor accumulation system	●	●
	Hydro-carbon gas burning system	●	●
Security	Over rev. limiter	●	●
	Overheat warning	●	●
	Anti knocking control	●	●
	Low oil press. warning	●	●
	Fail safe system	●	●
	Immobilizer adaptation	●	●
	YDIS interface	●	●
	Dual water inlet	●	●
	Prop damper cooler	●	●
	Stainless steel water pump housing	●	●
Corrosion prevention	Anodic coated muffler	●	●
	Freshwater flushing device	●	●
Power unit	Fuel injection	●	●
	Gasoline	Regular	Regular
	Plasma fused sleeves cylinder	●	●
	Variable cam timing	●	●
Control system	Digital Electronic Control	●	●
	Digital network system (optional)	●	●
	Digital network system II (optional)	●	●
	One-touch start/stop control	●	●
	Variable trolling switch adaptation	●	●
Convenience	Tilt lock lever	●	●
	Battery isolator (output)	●	●

— : N/A (Not available)

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	F300D	FL300D
	ET	ET
Tilt limiter	●	●
Immobilizer	●	●
Steering guide attachment	●	●

RIGGING ACCESSORY	F300D	FL300D
	ET	ET
6X9 remote control	●	●
6Y8 instruments	●	●
CL5 instruments	●	●
CL7 instruments	●	●
MFD Interface	●	●
Helm master EX	●	●

PROPELLER	F300D	FL300D
	ET	ET
"SALTWATER XL" propeller	X	XL
"SALTWATER XL4" propeller	X	XL

CONSUMES	F300D	FL300D
	ET	ET
Yamalube 4	●	●
Yamalube gear oil (GL5)	●	●
Yamaha grease A	●	●
Yamaha grease D	●	●

F225H/FL225H F250L/FL250L F300C/FL300C

Fuel Injection Digital Network



F300C

MODEL CODE (Approved code)

F225H	6HB (6HB)
FL225H	6HC (6HC)
F250L	6HD (6HD)
FL250L	6HE (6HE)
F300C	6JA (6JA)
FL300C	6JB (6JB)

MODELS AVAILABLE

Remote Control

F225H / FL225H	ET
F250L / FL250L	ET
F300C / FL300C	ET

Dry weight
257 kg

SPECIFICATIONS

Performance	F225H / FL225H	F250L / FL250L	F300C / FL300C			
Max. prop shaft output	165.5 kW (225 ps)	183.8 kW (250 ps)	220.6 kW (300 ps)			
Full throttle operating range	5000 – 6000 r/min					
Idling speed	650 – 750 r/min					
Fuel consumption	<table><tr><td>75.5 L/h @5500 r/min</td><td>83.9 L/h @5500 r/min</td><td>96.6 L/h @5500 r/min</td></tr></table> *reference data			75.5 L/h @5500 r/min	83.9 L/h @5500 r/min	96.6 L/h @5500 r/min
75.5 L/h @5500 r/min	83.9 L/h @5500 r/min	96.6 L/h @5500 r/min				

Engine

Engine type	24-Valve, DOHC with VCT, 60 deg. V6
Displacement	4169 cm ³
Bore × stroke	96.0 × 96.0 mm
Compression ratio	10.3 :1
Starting enrichment	Fuel injection
Fuel induction system	Fuel injection
Lubrication system	Wet sump
Engine oil capacity	6.3 L / 6.0 L (with / without oil filter replacement)
Ignition system	TCI
Ignition timing	—
Spark plug	LFR6A-11
Alternator	50 A (battery charging: 35 A)
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive

Trim	— (continuously variable)
Shallow water drive	PTT: variable position
Steering angle	32 deg. each direction
Gear shift	F-N-R
Gear ratio	1.75 (21/12)
Gear oil capacity	1.040 L
Propeller fitting	Spline
Propeller rotation	Clockwise / Counter clockwise
Shaft length	X
Engine transom height	X: 643 mm (25.3 inch)

4-STROKE

175-300 ps

MODEL CATEGORY

PURPOSE OF USE		F225H FL225H	F250L FL250L	F300C FL300C
Purpose	General	●	●	●
	Bass fishing	—	—	—

FEATURE TABLE

CATEGORY	FEATURE ITEM	F225H FL225H	F250L FL250L	F300C FL300C
Environment	Fuel vaporize control system	●	●	●
	Fuel vapor accumulation system	●	●	●
	Hydro-carbon gas burning system	●	●	●
Security	Over rev. limiter	●	●	●
	Overheat warning	●	●	●
	Anti knocking control	●	●	●
	Low oil press. warning	●	●	●
	Fail safe system	●	●	●
	Immobilizer adaptation	●	●	●
	YDIS interface	●	●	●
	Dual water inlet	●	●	●
	Prop damper cooler	●	●	●
	Stainless steel water pump housing	●	●	●
Corrosion prevention	Anodic coated muffler	●	●	●
	Freshwater flushing device	●	●	●
	Fuel injection	●	●	●
Power unit	Gasoline	Regular	Regular	Premium
	Plasma fused sleeves cylinder	●	●	●
	Variable cam timing	●	●	●
Control system	Digital Electronic Control	—	—	—
	Digital network system (optional)	●	●	●
	Digital network system II (optional)	—	—	—
	One-touch start/stop control	—	—	—
	Variable trolling switch adaptation	—	—	—
Convenience	Tilt lock lever	●	●	●
	Battery isolator (output)	—	—	—

— : N/A (Not available)

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	F225H ET	FL225H ET	F250L ET	FL250L ET	F300C ET	FL300C ET
Tilt limiter	●	●	●	●	●	●
Immobilizer	●	●	●	●	●	●
Steering guide attachment	●	●	●	●	●	●

RIGGING ACCESSORY	F225H ET	FL225H ET	F250L ET	FL250L ET	F300C ET	FL300C ET
703 remote control	●	●	●	●	●	●
704 remote control	●	●	●	●	●	●
6X3 remote control	●	●	●	●	●	●
6Y5 instruments	●	●	●	●	●	●
6Y7 instruments	●	●	●	●	●	●
6Y8 instruments	●	●	●	●	●	●
CL5 instruments	●	●	●	●	●	●
CL7 instruments	●	●	●	●	●	●
MFD Interface	●	●	●	●	●	●

PROPELLER	F225H ET	FL225H ET	F250L ET	FL250L ET	F300C ET	FL300C ET
Standard propeller	—	—	—	—	—	—
"RELIANCE SDS" propeller	M	ML	M	ML	M	ML
"Performance 3 SDS" propeller	M	ML	M	ML	M	ML
"SALTWATER" propeller	—	—	—	—	—	—
"SALTWATER II SDS" propeller	T	TL	T	TL	T	TL
"SALTWATER II HP SDS" propeller	T	TL	T	TL	T	TL
"SALTWATER HS4 SDS" propeller	T	TL	T	TL	T	TL

CONSUMES	F225H ET	FL225H ET	F250L ET	FL250L ET	F300C ET	FL300C ET
Yamalube 4	●	●	●	●	●	●
Yamalube gear oil (GL5)	●	●	●	●	●	●
Yamaha grease A	●	●	●	●	●	●
Yamaha grease D	●	●	●	●	●	●

F225J FL225J F250P FL250P F300G FL300G

Fuel Injection
Digital Network
Digital Electronic Control



F300G

MODEL CODE (Approved code)

F225J	6KK (6KK)
FL225J	6KL (6KL)
F250P	6KH (6KH)
FL250P	6KJ (6KJ)
F300G	6KF (6KF)
FL300G	6KG (6KG)

MODELS AVAILABLE

Remote Control

F225J / FL225J	ET
F250P / FL250P	ET
F300G / FL300G	ET

Dry weight
263 – 273 kg

SPECIFICATIONS

Performance	F225J / FL225J	F250P / FL250P	F300G / FL300G			
Max. prop shaft output	165.5 kW (225 ps)	183.8 kW (250 ps)	220.6 kW (300 ps)			
Full throttle operating range	5000 – 6000 r/min					
Idling speed	650 – 750 r/min					
Fuel consumption	<table><tr><td>75.5 L/h @5500 r/min</td><td>83.9 L/h @5500 r/min</td><td>96.6 L/h @5500 r/min</td></tr></table> *reference data			75.5 L/h @5500 r/min	83.9 L/h @5500 r/min	96.6 L/h @5500 r/min
75.5 L/h @5500 r/min	83.9 L/h @5500 r/min	96.6 L/h @5500 r/min				

Engine	
Engine type	24-Valve, DOHC with VCT, 60 deg. V6
Displacement	4169 cm ³
Bore × stroke	96.0 × 96.0 mm
Compression ratio	10.3 :1
Starting enrichment	Fuel injection
Fuel induction system	Fuel injection
Lubrication system	Wet sump
Engine oil capacity	6.3 L / 6.0 L (with / without oil filter replacement)
Ignition system	TCI
Ignition timing	—
Spark plug	LFR6A-11
Alternator	70 A (battery charging: 55 A)
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	— (continuously variable)
Shallow water drive	PTT: variable position
Steering angle	32 deg. each direction
Gear shift	F-N-R
Gear ratio	1.75 (21/12)
Gear oil capacity	0.925 L / 0.885 L
Propeller fitting	Spline
Propeller rotation	Clockwise / Counter clockwise
Shaft length	X, U, E
Engine transom height	X: 643 mm (25.3 inch), U: 770 mm (30.3 inch), E: 897 mm (35.3 inch)

4-STROKE

150-300 ps

MODEL CATEGORY

PURPOSE OF USE		F225J FL225J	F250P FL250P	F300G FL300G
Purpose	General	●	●	●
	Commercial use	—	—	—
	Bass fishing	—	—	—

FEATURE TABLE

CATEGORY	FEATURE ITEM	F225J FL225J	F250P FL250P	F300G FL300G
Environment	Fuel vaporize control system	●	●	●
	Fuel vapor accumulation system	●	●	●
	Hydro-carbon gas burning system	●	●	●
Security	Over rev. limiter	●	●	●
	Overheat warning	●	●	●
	Anti knocking control	●	●	●
	Low oil press. warning	●	●	●
	Fail safe system	●	●	●
	Immobilizer adaptation	●	●	●
	YDIS interface	●	●	●
	Dual water inlet	●	●	●
	Prop damper cooler	—	—	—
	Stainless steel water pump housing	●	●	●
Corrosion prevention	Anodic coated muffler	●	●	●
	Freshwater flushing device	●	●	●
Power unit	Fuel injection	●	●	●
	Gasoline	Regular	Regular	Premium
	Plasma fused sleeves cylinder	●	●	●
	Variable cam timing	●	●	●
Control system	Digital Electronic Control	●	●	●
	Digital Electronic Steering (optional)	●	●	●
	Digital network system II (optional)	●	●	●
	One-touch start/stop control	●	●	●
	Variable trolling switch adaptation	●	●	●
Convenience	TotalTilt Function	●	●	●
	Tilt lock lever	●	●	●
	Battery isolator (output)	●	●	●
	Thrust Enhancing Reverse Exhaust	●	●	●

— : N/A (Not available)

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	F225J ET	FL225J ET	F250P ET	FL250P ET	F300G ET	FL300G ET
Tilt limiter	—	—	—	—	—	—
Immobilizer	●	●	●	●	●	●
Steering guide attachment	●	●	●	●	●	●

RIGGING ACCESSORY	F225J ET	FL225J ET	F250P ET	FL250P ET	F300G ET	FL300G ET
6X9 remote control	●	●	●	●	●	●
6Y8 instruments	●	●	●	●	●	●
CL5 instruments	●	●	●	●	●	●
CL7 instruments	●	●	●	●	●	●
MFD Interface	●	●	●	●	●	●
Helm master EX	●	●	●	●	●	●

PROPELLER	F225J ET	FL225J ET	F250P ET	FL250P ET	F300G ET	FL300G ET
Standard propeller	—	—	—	—	—	—
"RELIANCE" propeller	M	ML	M	ML	M	ML
"Performance 3 SDS" propeller	M	ML	M	ML	M	ML
"SALTWATER II" propeller	T	TL	T	TL	T	TL
"SALTWATER II HP SDS" propeller	T	TL	T	TL	T	TL
"SALTWATER HS4" propeller	T	TL	T	TL	T	TL

CONSUMES	F225J ET	FL225J ET	F250P ET	FL250P ET	F300G ET	FL300G ET
Yamalube 4	●	●	●	●	●	●
Yamalube gear oil (GL5)	●	●	●	●	●	●
Yamaha grease A	●	●	●	●	●	●
Yamaha grease D	●	●	●	●	●	●

F250N/FL250N F300F/FL300F

Fuel Injection
Digital Network
Digital Electronic Control



F300F

MODEL CODE (Approved code)

F250N	6KD (6KD)
FL250N	6KE (6KE)
F300F	6KA (6KA)
FL300F	6KB (6KB)

MODELS AVAILABLE

Remote Control

F250N / FL250N	ST
F300F / FL300F	ST

Dry weight
288 – 299 kg

SPECIFICATIONS

Performance	F250N / FL250N	F300F / FL300F
Max. prop shaft output	183.8 kW (250 ps)	220.6 kW (300 ps)
Full throttle operating range	5000 – 6000 r/min	
Idling speed	650 – 750 r/min	
Fuel consumption	(83.9 L/h @5500 r/min 96.6 L/h @5500 r/min) *reference data	

Engine

Engine type	24-Valve, DOHC with VCT, 60 deg. V6
Displacement	4169 cm ³
Bore × stroke	96.0 × 96.0 mm
Compression ratio	10.3 :1
Starting enrichment	Fuel injection
Fuel induction system	Fuel injection
Lubrication system	Wet sump
Engine oil capacity	6.3 L/ 6.0 L (with / without oil filter replacement)
Ignition system	TCI
Ignition timing	—
Spark plug	LFR6A-11
Alternator	70 A (34A)
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive

Trim	— (continuously variable)
Shallow water drive	PTT: variable position
Steering angle	32 deg. each direction
Gear shift	F-N-R
Gear ratio	1.75 (21/12)
Gear oil capacity	0.925 L / 0.885 L
Propeller fitting	Spline
Propeller rotation	Clockwise / Counter clockwise
Shaft length	X, U, E
Engine transom height	X: 640 mm (25.2 inch), U: 767 mm (30.2 inch), E: 894mm (35.2 inch)

4-STROKE

150-300 ps

MODEL CATEGORY

PURPOSE OF USE		F250N	FL250N	F300F	FL300F
Purpose	General	●	●	●	●
	Commercial use	—	—	—	—
	Bass fishing	—	—	—	—

FEATURE TABLE

CATEGORY	FEATURE ITEM	F250N	FL250N	F300F	FL300F
Environment	Fuel vaporize control system	●	●	●	●
	Fuel vapor accumulation system	●	●	●	●
	Hydro-carbon gas burning system	●	●	●	●
Security	Over rev. limiter	●	●	●	●
	Overheat warning	●	●	●	●
	Anti knocking control	●	●	●	●
	Low oil press. Warning	●	●	●	●
	Fail safe system	●	●	●	●
	Immobilizer adaptation	●	●	●	●
	YDIS interface	●	●	●	●
	Dual water inlet	●	●	●	●
	Prop damper cooler	—	—	—	—
Corrosion prevention	Stainless steel water pump housing	●	●	●	●
	Anodic coated muffler	●	●	●	●
	Freshwater flushing device	●	●	●	●
Power unit	Fuel injection	●	●	●	●
	Gasoline	Regular	Regular	Premium	Premium
	Plasma fused sleeves cylinder	●	●	●	●
Control system	Variable cam timing	●	●	●	●
	Digital Electronic Control	●	●	●	●
	Digital Electronic Steering (Integrated)	●	●	●	●
	Digital network system II (optional)	●	●	●	●
	One-touch start/stop control	●	●	●	●
	Variable trolling switch adaptation	●	●	●	●
Convenience	TotalTilt Function	●	●	●	●
	Tilt lock lever	●	●	●	●
	Battery isolator (output)	●	●	●	●
	Thrust Enhancing Reverse Exhaust	●	●	●	●

— : N/A (Not available)

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	F250N	FL250N	F300F	FL300F
	ST	ST	ST	ST
Tilt limiter	—	—	—	—
Immobilizer	●	●	●	●
Steering guide attachment	—	—	—	—

RIGGING ACCESSORY	F250N	FL250N	F300F	FL300F
	ST	ST	ST	ST
6X9 remote control	●	●	●	●
6Y8 instruments	—	—	—	—
CL5 instruments	●	●	●	●
CL7 instruments	●	●	●	●
MFD Interface	●	●	●	●
Helm master EX	●	●	●	●

PROPELLER	F250N	FL250N	F300F	FL300F
	ST	ST	ST	ST
Standard propeller	—	—	—	—
"RELIANCE" propeller	M	ML	M	ML
"Performance 3 SDS" propeller	M	ML	M	ML
"SALTWATER II" propeller	T	TL	T	TL
"SALTWATER II HP SDS" propeller	T	TL	T	TL
"SALTWATER HS4" propeller	T	TL	T	TL

CONSUMES	F250N	FL250N	F300F	FL300F
	ST	ST	ST	ST
Yamalube 4	●	●	●	●
Yamalube gear oil (GL5)	●	●	●	●
Yamaha grease A	●	●	●	●
Yamaha grease D	●	●	●	●

F375A/FL375A F425A/FL425A

Fuel Injection
Digital Network
Digital Electronic Control



F425A

MODEL CODE (Approved code)

F375A	6GT (6GT)
FL375A	6GU (6GU)
F425A	6GR (6GR)
FL425A	6GS (6GS)

MODELS AVAILABLE

Remote Control

F375A / FL375A	ST
F425A	ST, VT
FL425A	ST

Dry weight
442 – 463 kg

SPECIFICATIONS

Performance	F375A / FL375A	F425A / FL425A
Max. prop shaft output	279.6 kW (375 HP)	316.9 kW (425 HP)
Full throttle operating range	5000 – 6000 r/min	
Idling speed	650 – 750 r/min	
Fuel consumption	(121.0 L/h @6000 r/min 142.0 L/h @6000 r/min) *reference data	

Engine	
Engine type	32-Valve, DOHC with VCT, 60 deg. V8
Displacement	5559 cm ³
Bore × stroke	96.0 × 96.0 mm
Compression ratio	12.2 :1
Starting enrichment	Fuel injection
Fuel induction system	Direct fuel injection
Lubrication system	Wet sump
Engine oil capacity	7.8 L / 7.5 L (with / without oil filter replacement)
Ignition system	TCI
Ignition timing	—
Spark plug	ILMAR7E-9
Alternator	104 A (battery charging: 79 A) (F425AVT: 102 A (battery charging: 96 A))
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	— (continuously variable)
Shallow water drive	PTT: variable position
Steering angle	31 deg. each direction
Gear shift	F-N-R
Gear ratio	1.79 (25/14)
Gear oil capacity	1.950 L / 1.830 L
Propeller fitting	Spline
Propeller rotation	Clockwise / Counter clockwise
Shaft length	X, U, E
Engine transom height	X: 640 mm (25.2 inch), U: 767 mm (30.2 inch), E: 894 mm (35.2 inch)

4-STROKE

375-425 ps

MODEL CATEGORY

PURPOSE OF USE		F375A	FL375A	F425A	FL425A
Purpose	General	●	●	●	●
	Commercial use	—	—	—	—
	High thrust	—	—	—	—

FEATURE TABLE

CATEGORY	FEATURE ITEM	F375A	FL375A	F425A	FL425A
Environment	Hydro-carbon gas burning system	●	●	●	●
	Over rev. limiter	●	●	●	●
Security	Overheat warning	●	●	●	●
	Anti knocking control	●	●	●	●
	Low oil press. Warning	●	●	●	●
	Fail safe system	●	●	●	●
	Immobilizer adaptation	●	●	●	●
	YDIS interface	●	●	●	●
	Dual water inlet	●	●	●	●
Corrosion prevention	Stainless steel water pump housing	●	●	●	●
	Anodic coated muffler	●	●	●	●
	Freshwater flushing device (Dual)	●	●	●	●
Power unit	Fuel injection (Direct Injection)	●	●	●	●
	Gasoline	Premium	Premium	Premium	Premium
	Plasma fused sleeveless cylinder	●	●	●	●
	Variable cam timing	●	●	●	●
	Dual chamber water pump	●	●	●	●
	Dual Chamber Oil Pump	●	●	●	●
	Digital Electronic Control	●	●	●	●
Control system	Digital Electronic Steering (Integrated)	●	●	●	●
	Digital network system II (optional)	●	●	●	●
	One-touch start/stop control	●	●	●	●
	Variable trolling switch adaptation	●	●	●	●
	Power generation improvement	—	—	VT	—
Convenience	Tilt lock lever	●	●	●	●
	Battery isolator (output)	●	●	●	●
	In-water Gear Lube Change System	●	●	●	●
	Large Oil Drain Plug and Strainer	●	●	●	●
	Thrust Enhancing Reverse Exhaust	●	●	●	●

— : N/A (Not available)

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	F375A	FL375A	F425A		FL425A
	ST	ST	ST	VT	ST
Tilt limiter	—	—	—	—	—
Immobilizer	●	●	●	●	●
Steering guide attachment	—	—	—	—	—

RIGGING ACCESSORY	F375A	FL375A	F425A		FL425A
	ST	ST	ST	VT	ST
6X9 remote control	●	●	●	●	●
6Y8 instruments	—	—	—	—	—
CL5 instruments	●	●	●	●	●
CL7 instruments	●	●	●	●	●
MFD Interface	●	●	●	●	●
Helm master EX	●	●	●	●	●

PROPELLER	F375A	FL375A	F425A		FL425A
	ST	ST	ST	VT	ST
Standard propeller	—	—	—	—	—
"RELIANCE" propeller	—	—	—	—	—
"SALTWATER II" propeller	—	—	—	—	—
"SALTWATER HS4" propeller	—	—	—	—	—
"SALTWATER XL" propeller	—	—	—	—	—
"SALTWATER XL4" propeller	—	—	—	—	—
"XTO OS" propeller	Y	YL	Y	Y	YL

CONSUMES	F375A	FL375A	F425A		FL425A
	ST	ST	ST	VT	ST
Yamalube 4	●	●	●	●	●
Yamalube gear oil (GL5)	●	●	●	●	●
Yamaha grease A	●	●	●	●	●
Yamaha grease D	●	●	●	●	●

COMPETITIVE SPECIFICATION

HONDA

HONDA

Exhaust Emission

★★★ : Carb 2008 3-star

PS	
2.3	*** BF2.3 L1 57cm ³
4	*** BF4 L1 127cm ³
5	*** BF5
6	BF6
8	*** BF8 L2 222cm ³
9.9	*** BF9.9 High-Thrust
10	BF10
15	*** BF15 L2 350cm ³
20	*** BF20
25	*** BF25 L3 552cm ³
30	*** BF30

	Fuel injection	Power thrust
40	*** BF40 L3 808cm ³	
50	*** BF50	
60	*** BF60 L3 998cm ³	*** BFP60
65		
75	*** BF75 L4 1496cm ³	
80	BF80	
90	*** BF90	
100	*** BF100	
105		
115	*** BF115 L4 2354cm ³ (Counter Rotation Available)	
135	*** BF135	
150	*** BF150	
175	BF175 V6 3583cm ³	
200	*** BF200 V6 3583cm ³	
225	*** BF225	
250	BF250	

Model	BF2.3	BF4	BF5	BF6
Max. prop shaft output	1.7 kW (2.3 ps)	2.9 kW (4 ps)	3.7 kW (5 ps)	4.4 kW (6 ps)
Full throttle operating range	5,000 – 6,000 r/min	4,500 – 5,500 r/min	4,500 – 5,500 r/min	5,000 – 6,000 r/min
Engine type	OHV, 1-cylinder	OHV, 1-cylinder	OHV, 1-cylinder	OHV, 1-cylinder
Displacement	57.2 cm ³	127 cm ³	127 cm ³	127 cm ³
Bore × stroke	45 × 36 mm	60 × 45 mm	60 × 45 mm	60 × 45 mm
Starting system	Manual	Manual	Manual	Manual
Fuel induction system	—	—	—	1 carburetor
Lubrication system	Oil slinger system	Wet sump	Wet sump	Wet sump
Ignition system	Transistorized	Digital CDI	Digital CDI	Digital CDI
Alternator	—	op6A	op6A	3A, op 6 A
Gear shift	360° pivot	F-N-R	F-N-R	F-N-R
Gear ratio	2.42:1	2.08:1	2.08:1	2.08:1
Trim & tilt	Manual	Manual	Manual	Manual
Engine transom height	S: 418 mm, L: 571 mm	S: 434 mm, L: 561 mm	S: 434 mm, L: 561 mm	S: 434 mm, L: 561 mm
Dry weight	13 – 14 kg	27 – 27.5 kg	27 – 27.5 kg	27 – 27.5 kg

COMPETITIVE

4-STROKE

Model	BF8	BF9.9	BF10	BF15
Max. prop shaft output	5.9 kW (8 ps)	7.3 kW (9.9 ps)	7.4 kW (10 ps)	11.0 kW (15 ps)
Full throttle operating range	4,500 – 5,500 r/min	5,000 – 6,000 r/min	5,000 – 6,000 r/min	4,500 – 5,500 r/min
Engine type	SOHC In-line 2	SOHC In-line 2	OHV In-line 2	SOHC In-line 2
Displacement	222 cm³	222 cm³	222 cm³	350 cm³
Bore × stroke	58 × 42 mm	58 × 42 mm	58 × 42 mm	59 × 64 mm
Starting system	Electric/Manual	Electric/Manual	—	Electric/Manual
Fuel induction system	1 carburetor	1 carburetor	1 carburetor with accelerator pump	1 carburetor
Lubrication system	Wet sump	Wet sump	—	Wet sump
Ignition system	PGM-IG	PGM-IG	PGM-IG	PGM-IG
Alternator	Electric start: 12A, Manual start: 6A	Electric start: 12A, Manual start: 6A	6 A	Electric start: 12A, Manual start: 6A
Gear shift	F-N-R	F-N-R	—	F-N-R
Gear ratio	2.33:1	2.33:1	2.33:1	2.08:1
Trim & tilt	Mechanical, PT	Mechanical, PT	Manual	Mechanical, PT
Engine transom height	S: 381 mm, L: 508 mm, X: 635 mm	S: 381 mm, L: 508 mm, X: 635 mm	—	S: 381 mm, L: 508 mm X: 635 mm
Dry weight	42 – 48 kg	42 – 48 kg	42 – 52.5 kg	47 – 52 kg

Model	BF20	BF25	BF30	BF40
Max. prop shaft output	14.7 kW (20 ps)	18.4 kW (25 ps)	22.1 kW (30 ps)	29.4 kW (40 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,000 – 6,000 r/min
Engine type	SOHC In-line 2	SOHC, In-line 3	SOHC, In-line 3	SOHC In-line 3
Displacement	350 cm³	552 cm³	552 cm³	808 cm³
Bore × stroke	59 × 64 mm	61 × 63 mm	61 × 63 mm	70 × 70 mm
Starting system	Electric/Manual	Electric	Electric	Electric
Fuel induction system	1 carburetor	3 carburetors	3 carburetors	Programmed fuel injection
Lubrication system	Wet sump	Wet sump	Wet sump	Wet sump
Ignition system	PGM-IG	PGM-IG	PGM-IG	Micro computer programmed
Alternator	Electric start: 12A, Manual start: 6A	10 A	10 A	22 A
Gear shift	F-N-R	F-N-R	F-N-R	F-N-R
Gear ratio	2.08:1	2.08:1	2.08:1	2.08:1
Trim & tilt	Mechanical, PT	PTT (Available)	PTT (Available)	PTT (Available)
Engine transom height	S: 381 mm, L: 508 mm	S: 381 mm, L: 508 mm	S: 381 mm, L: 508 mm	L: 508 mm
Dry weight	47 – 50 kg	70.5 – 72.5 kg	70.5 – 72.5 kg	97 kg

Model	BF50	BF60	BFP60	BF75
Max. prop shaft output	36.8 kW (50 ps)	44.1 kW (60 ps)	44.1 kW (60 ps)	55.2 kW (75 ps)
Full throttle operating range	5,500 – 6,000 r/min	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,000 – 6,000 r/min
Engine type	SOHC In-line 3	SOHC In-line 3, 12-valve	SOHC In-line 3, 12-valve	SOHC In-line 4, 16-valve
Displacement	808 cm³	998 cm³	998 cm³	1,496 cm³
Bore × stroke	70 × 70 mm	73 × 79.5 mm	73 × 79.5 mm	73 × 89.4 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	Programmed fuel injection	Programmed fuel injection	Programmed fuel injection	Programmed fuel injection
Lubrication system	Wet sump	Wet sump	Wet sump	Wet sump
Ignition system	Micro computer programmed	Micro computer programmed	Micro computer programmed	Micro computer programmed
Alternator	22 A	22 A	27 A	44 A
Gear shift	F-N-R	F-N-R	F-N-R	F-N-R
Gear ratio	2.08:1	2.07:1	2.33:1	2.33:1
Trim & tilt	PTT (Available)	PTT	PTT	PTT
Engine transom height	L: 508 mm, X: 635 mm	L: 521 mm, X: 648 mm	L: 531 mm, X: 658 mm	L: 508 mm
Dry weight	97 – 101 kg	108 – 114 kg	116 – 123 kg	163 kg

Model	BF80	BF90	BF100	BF115
Max. prop shaft output	58.8 kW (80 ps)	66.2 kW (90 ps)	73.6 kW (100 ps)	84.6 kW (115 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,300 – 6,300 r/min	5,500 – 6,300 r/min	4,500 – 6,000 r/min
Engine type	SOHC In-line 4	SOHC In-line 4, 16-valve	SOHC In-line 4, 16-valve	DOHC In-line 4, 16-valve
Displacement	1,496 cm³	1,496 cm³	1,496 cm³	2,354 cm³
Bore × stroke	73 × 89.4 mm	73 × 89.4 mm	73 × 89.4 mm	87 × 99 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	Programmed fuel injection	Programmed fuel injection	Programmed fuel injection	Programmed fuel injection
Lubrication system	—	Wet sump	Wet sump	Wet sump
Ignition system	Micro computer programmed	Micro computer programmed	Micro computer programmed	Micro computer programmed
Alternator	44 A	44 A	44 A	55 A
Gear shift	—	F-N-R	F-N-R	F-N-R
Gear ratio	2.33:1	2.33:1	2.33:1	2.14:1
Trim & tilt	PTT	PTT	PTT	PTT
Engine transom height	L: 537 mm, X: 664 mm	L: 508 mm, X: 635 mm	L: 508 mm, X: 635 mm	L: 508 mm, X: 635 mm
Dry weight	165 – 171 kg	163 – 166 kg	163 – 166 kg	217 – 220 kg

Model	BF135	BF150	BF175	BF200
Max. prop shaft output	99.3 kW (135 ps)	110.3 kW (150 ps)	128.7 kW (175 ps)	147.1 kW (200 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,000 – 6,000 r/min
Engine type	DOHC In-line 4, 16-valve	DOHC In-line 4, 16-valve	SOHC, V6	SOHC, V6, 24-Valve
Displacement	2,354 cm³	2,354 cm³	3,583 cm³	3,583 cm³
Bore × stroke	87 × 99 mm	87 × 99 mm	89 × 96 mm	89 × 96 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	Programmed fuel injection	Programmed fuel injection	Programmed fuel injection	Programmed fuel injection
Lubrication system	Wet sump	Wet sump	—	Wet Sump
Ignition system	Micro computer programmed	Micro computer programmed	Micro computer programmed	Micro computer programmed
Alternator	51 A	51 A	90 A	90 A
Gear shift	F-N-R	F-N-R	—	F-N-R
Gear ratio	2.14:1	2.14:1	2.00:1	2.00:1
Trim & tilt	PTT	PTT	PTT	PTT
Engine transom height	L: 508 mm, X: 635 mm	L: 508 mm, X: 635 mm	X: 635 mm	L: 508 mm, X: 635 mm
Dry weight	217 – 220 kg	217 – 220 kg	287 kg	276 – 282 kg

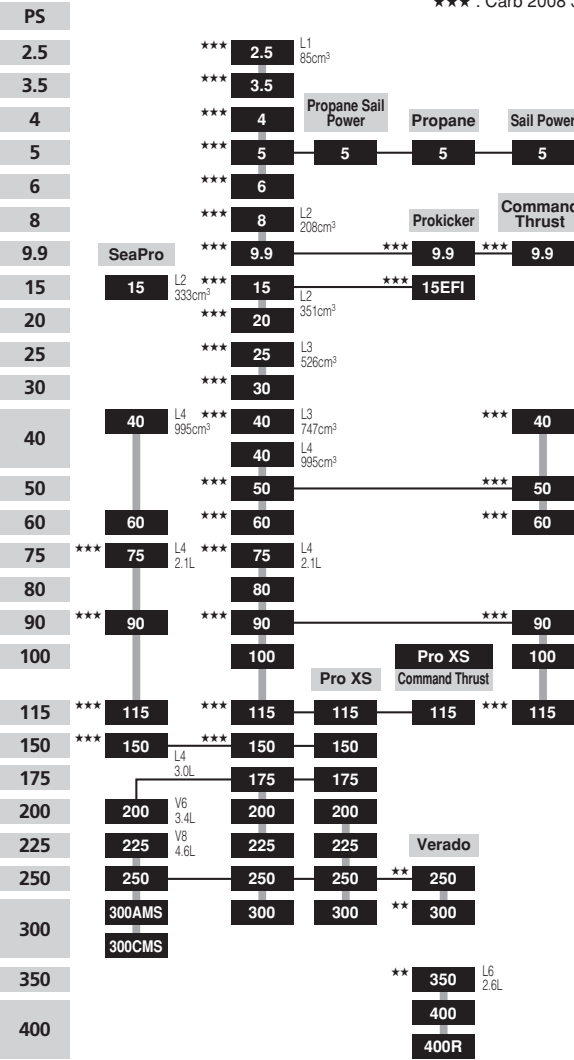
Model	BF225	BF250
Max. prop shaft output	165.5 kW (225 ps)	183.9 kW (250 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,300 – 6,300 r/min
Engine type	SOHC, VTEC V6, 24-Valve	SOHC, VTEC V6, 24-Valve
Displacement	3,583 cm³	3,583 cm³
Bore × stroke	89 × 96 mm	89 × 96 mm
Starting system	Electric	Electric
Fuel induction system	Programmed fuel injection	Programmed fuel injection
Lubrication system	Wet Sump	Wet Sump
Ignition system	Micro computer programmed	Micro computer programmed
Alternator	90 A	90 A
Gear shift	F-N-R	F-N-R
Gear ratio	2.00:1	2.00:1
Trim & tilt	PTT	PTT
Engine transom height	L:508 mm, X:635 mm, XX:762 mm	L:508 mm, X:635 mm, XX:762 mm
Dry weight	276 – 286 kg	276 – 286 kg

COMPETITIVE SPECIFICATION

MERCURY

MERCURY

Exhaust Emission
★★ : Carb 2004 2-star
★★★ : Carb 2008 3-star



Model	2.5	3.5	4	5
Max. prop shaft output	1.9 kW (2.5 ps)	2.6 kW (3.5 ps)	2.9 kW (4 ps)	3.7 kW (5 ps)
Full throttle operating range	4,500 – 5,500 r/min	5,000 – 6,000 r/min	4,500 – 5,500 r/min	4,500 – 5,500 r/min
Engine type	OHV, 1-cylinder	OHV, 1-cylinder	OHV, 1-cylinder	OHV, 1-cylinder
Displacement	85 cm³	85 cm³	123 cm³	123 cm³
Bore × stroke	55 × 36 mm	55 × 36 mm	59 × 45 mm	59 × 45 mm
Starting system	Manual	Manual	Manual	Manual
Fuel induction system	Carburetor	Carburetor	Carburetor	Carburetor
Lubrication system	—	—	—	—
Ignition system	CDI	CDI	CDI	CDI
Alternator	—	—	—	—
Cooling system	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat
Exhaust system	Above prop	Above prop	Through prop	Through prop
Gear shift	F-N	F-N	F-N-R	F-N-R
Gear ratio	2.15:1	2.15:1	2.15:1	2.15:1
Trim & tilt	Manual	Manual	Manual	Manual
Engine transom height	381 mm (15 inch)	381 mm (15 inch)	381 mm (15 inch)	381 mm (15 inch)
Dry weight	18 kg	18 kg	26 kg~	26 kg~

COMPETITIVE 4-STROKE

Model	5 Propane Sail Power	5 Propane	5 Sail Power	6
Max.prop shaft output	3.7 kw (5ps)	3.7 kw (5ps)	3.7 kW (5 ps)	4.4 kW (6 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,000 – 6,000 r/min	4,500 – 5,500 r/min	5,000 – 6,000 r/min
Engine type	OHV, 1-cylinder	OHV, 1-cylinder	OHV, 1-cylinder	OHV, 1-cylinder
Displacement	123 cm³	123 cm³	123 cm³	123 cm³
Bore × stroke	59 × 45 mm	59 × 45 mm	59 × 45 mm	59 × 45 mm
Starting system	Manual	Manual	Manual	Manual
Fuel induction system	Propane Mixer	Propane Mixer	—	Carburetor
Lubrication system	—	—	—	—
Ignition system	CDI	CDI	CDI	CDI
Alternator	4 A	—	—	—
Cooling system	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat
Exhaust system	Through prop	Through prop	Through prop	Through prop
Gear shift	F-N-R	F-N-R	F-N-R	F-N-R
Gear ratio	2.15:1	2.15:1	2.15:1	2.15:1
Trim & tilt	Manual	Manual	Manual	Manual
Engine transom height	508, 635 mm (20, 25 inch)	381, 508 mm (15, 20 inch)	508 mm (20 inch)	381, 508 mm (15, 20 inch)
Dry weight	28.6 kg	21.2 kg	25 kg	26 kg~

Model	8	9.9	15	20
Max.prop shaft output	5.9 kW (8 ps)	7.3 kW (9.9 ps)	11.1 kW (15 ps)	14.7 kW (20 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,700 – 6,200 r/min	5,700 – 6,200 r/min
Engine type	SOHC, In-line 2	SOHC, In-line 2	SOHC, In-line 2	SOHC, In-line 2
Displacement	208 cm³	208 cm³	333 cm³	333 cm³
Bore × stroke	55 × 44 mm	55 × 44 mm	61 × 57 mm	61 × 57 mm
Starting system	Electric & manual	Electric & manual	Electric & manual	Electric & manual
Fuel induction system	Carburetor	Carburetor	Electronic fuel injection	Electronic fuel injection
Lubrication system	—	—	—	—
Ignition system	CDI	CDI	CDI	CDI
Alternator	6 A/76 W	6 A/76 W	12 A/145 W	12 A/145 W
Cooling system	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat
Exhaust system	Through prop	Through prop	Through prop	Through prop
Gear shift	F-N-R	F-N-R	F-N-R	F-N-R
Gear ratio	2.08:1	2.08:1/2.42:1	2.15:1	2.15:1
Trim & tilt	Manual	Manual	Manual, PT	Manual, PT
Engine transom height	381, 508 mm (15, 20 inch)	381, 508, 635 mm (15, 20, 25 inch)	381, 508 mm (15, 20 inch)	381, 508 mm (15, 20 inch)
Dry weight	38 kg~	38 kg~	45 kg~	45 kg~

Model	25	30	40	40 4-Cylinder
Max.prop shaft output	18.6 kW (25 ps)	22.4 kW (30 ps)	30 kW (40 ps)	30 kW (40ps)
Full throttle operating range	5,000 – 6,000 r/min	5,250 – 6,250 r/min	5,500 – 6,000 r/min	5,500 – 6,000 r/min
Engine type	SOHC, In-line 3	SOHC, In-line 3	SOHC, In-line 3	SOHC, Inline 4
Displacement	526 cm³	526 cm³	747 cm³	995 cm³
Bore × stroke	61 × 60 mm	61 × 60 mm	65 × 75 mm	65 × 75 mm
Starting system	Electric & manual	Electric & manual	Electric	Electric
Fuel induction system	Electronic fuel injection	Electronic fuel injection	Electronic fuel injection	Electronic Fuel Injection
Lubrication system	—	—	Wet sump	—
Ignition system	CDI	CDI	ECM70	ECM
Alternator	15 A/186 W	15 A/186 W	18 A/226 W	18 A
Cooling system	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat
Exhaust system	Through prop	Through prop	Through prop	Through prop
Gear shift	F-N-R	F-N-R	F-N-R	F-N-R
Gear ratio	1.92:1	1.92:1	2.00:1	1.83:1 or 2.33:1
Trim & tilt	Manual & PT	Gas assist & PT	Gas, PTT	Gas,PT
Engine transom height	381, 508 mm (15, 20 inch)	381, 508 mm (15, 20 inch)	381, 508 mm (15, 20 inch)	381, 508 mm (15, 20 inch)
Dry weight	71 kg~	78 kg~	93 kg~	118 kg

Model	50	60	75	80
Max.prop shaft output	37 kW (50 ps)	44.1 kW (60 ps)	56 kW (75 ps)	59.2 kW (80 ps)
Full throttle operating range	5,500 – 6,000 r/min	5,500 – 6,000 r/min	4,500 – 5,500 r/min	4,500 – 5,500 r/min
Engine type	SOHC, In-line 4	SOHC, In-line 4	SOHC, In-line 4	SOHC, In line 4
Displacement	995 cm³	995 cm³	2.1 L	2.1 L
Bore × stroke	65 × 75 mm	65 × 75 mm	90 × 81 mm	90 × 81 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	Electronic fuel injection	Electronic fuel injection	Electronic fuel injection	Electric fuel injection
Lubrication system	Wet sump	Wet sump	Wet sump	Wet sump
Ignition system	ECM	ECM	ECM	—
Alternator	18 A/226 W	18 A/226 W	35 A/441 W	35 A
Cooling system	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat
Exhaust system	Through prop	Through prop	Through prop	Through prop
Gear shift	F-N-R	F-N-R	F-N-R	F-N-R
Gear ratio	1.83:1 or 2.33:1	1.83:1 or 2.33:1	2.07:1	2.07:1
Trim & tilt	PT	PT	PTT	PTT
Engine transom height	508 mm (20 inch)	508, 635 mm (20, 25 inch)	508 mm (20 inch)	508 mm (20 inch)
Dry weight	112 kg~	112 kg~	163 kg~	163 kg

Model	90	100	115	150
Max. prop shaft output	67 kW (90 ps)	74 kW (100 ps)	86 kW (115 ps)	110 kW (150 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,000 – 5,800 r/min
Engine type	SOHC, In-line 4	SOHC, In line 4	SOHC, In-line 4	SOHC, In-line 4
Displacement	2.1 L	2.1 L	2.1 L	3.0 L
Bore × stroke	90 × 81 mm	90 × 81 mm	90 × 81 mm	102 × 92 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	Electronic fuel injection	Electric fuel injection	Electronic fuel injection	Electronic fuel injection
Lubrication system	Wet sump	Wet sump	Wet sump	Wet sump
Ignition system	ECM	—	ECM	ECM
Alternator	35 A/441 W	35 A	35 A/441 W	60 A/756 W
Cooling system	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat
Exhaust system	Through prop	Through prop	Through prop	Through prop
Gear shift	F-N-R	F-N-R	F-N-R	F-N-R
Gear ratio	2.07:1 or 2.38:1	2.07:1	2.07:1 or 2.38:1	1.92:1
Trim & tilt	PTT	PTT	PTT	PTT
Engine transom height	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)
Dry weight	163 kg~	163 kg~	163 kg~	206 kg~

Model	175	200	225	250
Max. prop shaft output	130 kW (175 ps)	149 kW (200 ps)	168 kW (225 ps)	186 kW (250 ps)
Full throttle operating range	5,000 – 5,800 r/min	5,000 – 5,800 r/min	5,200 – 6,000 r/min	5,200 – 6,000 r/min
Engine type	DOHC, V6 24 Valves	DOHC, V6 24 Valves	DOHC, V6 24 Valves	DOHC, V8 32 Valves
Displacement	3.4 L	3.4 L	3.4 L	4.6 L
Bore × stroke	92 × 86 mm	92 × 86 mm	92 × 86 mm	92 × 86 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	Electric fuel injection	Electric fuel injection	Electric fuel injection	Electric fuel injection
Lubrication system	Integrated wet sump	Integrated wet sump	Integrated wet sump	Integrated wet sump
Ignition system	SmartCraft PCM 112 Digital Inductive	SmartCraft PCM 112 Digital Inductive	SmartCraft PCM 112 Digital Inductive	SmartCraft PCM 112 Digital Inductive
Alternator	85 A	85 A	85 A	85 A
Cooling system	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat
Exhaust system	Through prop	Through prop	Through prop	Through prop
Gear shift	F-N-R	F-N-R	F-N-R	F-N-R
Gear ratio	1.85:1	1.85:1	1.85:1	1.75:1
Trim & tilt	PTT	PTT	PTT	PTT
Engine transom height	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)	508, 635, 762 mm (20, 25, 30 inch)	508, 635, 762 mm (20, 25, 30 inch)
Dry weight	216 kg	216 kg	216 kg	239 kg

Model	300	
Max.prop shaft output	224 kW (300 ps)	
Full throttle operating range	5,200 – 6,000 r/min	
Engine type	DOHC, V8 32Valves	
Displacement	4.6 L	
Bore × stroke	92 × 86 mm	
Starting system	Electric	
Fuel induction system	Electric fuel injection	
Lubrication system	Integrated wet sump	
Ignition system	SmartCraft PCM 112 Digital Inductive	
Alternator	85 A	
Cooling system	Water-cooled with thermostat	
Exhaust system	Through prop	
Gear shift	F-N-R	
Gear ratio	1.75:1	
Trim & tilt	PTT	
Engine transom height	508, 635 mm (20, 25 inch)	
Dry weight	239 kg	

Verado

Model	250	300	350	400
Max.prop shaft output	186 kW (250 ps)	224 kW (300 ps)	257 kW (350 ps)	298 kW (400ps)
Full throttle operating range	5,200 – 6,000 r/min	5,200 – 6,000 r/min	5,800 – 6,400 r/min	6,200 – 6,800 r/min
Engine type	DOHC, V8 32 Valves	DOHC, V8 32 Valves	In-line 6	Inline 6
Displacement	4.6 L	4.6 L	2.6 L	2.6 L
Bore × stroke	92 × 86 mm	92 × 86 mm	92 × 86 mm	82 × 82 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	Electric fuel injection	Electric fuel injection	Electric fuel injection	Electronic Fuel Injection
Lubrication system	Integrated wet sump	Integrated wet sump	—	Integrated wet sump
Ignition system	—	—	—	—
Alternator	115 A	115 A	70 A	70A
Cooling system	Water-cooled with thermostat	Water-cooled with thermostat	—	Water-cooled with thermostat
Exhaust system	Through prop	Through prop	—	Through prop
Gear shift	F-N-R	F-N-R	—	F-N-R
Gear ratio	1.75:1 / 1.85:1	1.75:1 / 1.85:1	1.75:1	1.75:1
Trim & tilt	PTT	PTT	PTT with SmartCraft programmable tilt	SmartCraft programmable trim and tilt
Engine transom height	508, 635, 762 mm (20, 25, 30 inch)	508, 635, 762 mm (20, 25, 30 inch)	508, 635, 762 mm (20, 25, 30 inch)	508, 635, 762 mm (20, 25, 30 inch)
Dry weight	272 kg	272 kg	303 kg	303 kg

Verado

Model	400R	
Max.prop shaft output	298 kW (400 ps)	
Full throttle operating range	6,400 – 7,000 r/min	
Engine type	In-line 6	
Displacement	2.6 L	
Bore × stroke	92 × 86 mm	
Starting system	Electric	
Fuel induction system	Electric fuel injection	
Lubrication system	—	
Ignition system	—	
Alternator	70 A	
Cooling system	—	
Exhaust system	—	
Gear shift	—	
Gear ratio	1.75:1	
Trim & tilt	PTT with SmartCraft programmable tilt	
Engine transom height	508, 635, 762 mm (20, 25, 30 inch)	
Dry weight	303 kg	

Pro XS

Model	115	150	175	200
Max.prop shaft output	86 kW (115 ps)	110 kW (150 ps)	130 kW (175 ps)	149 kW (200 ps)
Full throttle operating range	5,300 – 6,300 r/min	5,200 – 6,000 r/min	5,400 – 6,000 r/min	5,600 – 6,200 r/min
Engine type	SOHC, In-line 4	SOHC, In-line 4	DOHC, V6 24 Valves	DOHC, V8 32 Valves
Displacement	2.1 L	3.0 L	3.4 L	4.6 L
Bore × stroke	90 × 81 mm	102 × 92 mm	92 × 86 mm	92 × 86 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	Electronic fuel injection	Electric fuel injection	Electric fuel injection	Electric fuel injection
Lubrication system	Wet sump	—	Integrated wet sump	Wet sump
Ignition system	ECM	SmartCraft ECM 07 Digital Inductive	SmartCraft PCM 112 Digital Inductive	SmartCraft PCM 112 Digital Inductive
Alternator	35 A/441 W	—	85 A	85 A
Cooling system	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat
Exhaust system	Through prop	Through prop	Through prop	Through prop
Gear shift	F-N-R	F-N-R	F-N-R	F-N-R
Gear ratio	2.07:1	2.08:1	1.85:1	1.75:1 / 1.85:1
Trim & tilt	PTT	PTT	PTT	PTT
Engine transom height	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)
Dry weight	163 kg~	207 kg	213 kg	229 kg

Pro XS

Model	225	250	300
Max.prop shaft output	168 kW (225 ps)	186 kW (250 ps)	224 kW (300 ps)
Full throttle operating range	5,600 – 6,200 r/min	5,600 – 6,200 r/min	5,600 – 6,200 r/min
Engine type	DOHC, V8 32 Valves	DOHC, V8 32 Valves	DOHC, V8 32 Valves
Displacement	4.6 L	4.6 L	4.6 L
Bore × stroke	92 × 86 mm	92 × 86 mm	92 × 86 mm
Starting system	Electric	Electric	Electric
Fuel induction system	Electric fuel injection	Electric fuel injection	Electric fuel injection
Lubrication system	Integrated wet sump	Integrated wet sump	Wet sump
Ignition system	SmartCraft PCM 112 Digital Inductive	SmartCraft PCM 112 Digital Inductive	SmartCraft PCM 112 Digital Inductive
Alternator	85 A	85 A	85 A
Cooling system	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat
Exhaust system	Through prop	Through prop	Through prop
Gear shift	F-N-R	F-N-R	F-N-R
Gear ratio	1.75:1	1.75:1	1.75:1
Trim & tilt	PTT	PTT	PTT
Engine transom height	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)
Dry weight	229 kg	229 kg	229 kg

SeaPro

Model	15	40	60	75
Max.prop shaft output	11.1 kW (15 ps)	30 kW (40 ps)	45 kW (60 ps)	56 kW (75 ps)
Full throttle operating range	4,500 – 5,500 r/min	—	4,500 – 5,500 r/min	5,000 – 5,500 r/min
Engine type	SOHC, In-line 2	SOHC, In-line 4	SOHC, In-line 4	SOHC, In-line 4
Displacement	333 cm³	995 cm³	995 cm³	2.1 L
Bore × stroke	61 × 57 mm	65 × 75 mm	65 × 75 mm	90 × 81 mm
Starting system	Electric & manual	Electric	Electric	Electric
Fuel induction system	Electronic fuel injection	Electronic fuel injection	Electronic fuel injection	Electronic fuel injection
Lubrication system	—	Wet sump	Wet sump	Wet sump
Ignition system	CDI	ECM	ECM	ECM
Alternator	12 A/145 W	18 A/226 W	18 A/226 W	35 A/441 W
Cooling system	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat
Exhaust system	Through prop	Through prop	Through prop	Through prop
Gear shift	F-N-R	—	—	F-N-R
Gear ratio	2.15:1	2.33:1	2.33:1	2.38:1
Trim & tilt	Manual	Gas, PTT	Gas, PTT	PTT
Engine transom height	381, 508 mm (15, 20 inch)	508, 572, 635 mm (20, 22.5, 25 inch)	508, 572, 635 mm (20, 22.5, 25 inch)	508 mm (20 inch)
Dry weight	45 kg~	118 kg~	118 kg~	165 kg~

SeaPro

Model	90	115	150	200
Max. prop shaft output	67 kW (90 ps)	86 kW (115 ps)	110 kW (150 ps)	149 kW (200 ps)
Full throttle operating range	5,000 – 5,500 r/min	5,000 – 5,500 r/min	4,800 – 5,300 r/min	4,600 – 5,400 r/min
Engine type	SOHC, In-line 4	SOHC, In-line 4	SOHC, In-line 4	DOHC, V6 24 Valves
Displacement	2.1 L	2.1 L	3.0 L	3.4 L
Bore × stroke	90 × 81 mm	90 × 81 mm	102 × 92 mm	92 × 86 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	Electronic fuel injection	Electronic fuel injection	Electronic fuel injection	Electric fuel injection
Lubrication system	Wet sump	Wet sump	Wet sump	Integrated wet sump
Ignition system	ECM	ECM	ECM	SmartCraft PCM 112 Digital Inductive
Alternator	35 A/441 W	35 A/441 W	60 A/756 W	85 A
Cooling system	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat
Exhaust system	Through prop	Through prop	Through prop	Through prop
Gear shift	F-N-R	F-N-R	F-N-R	F-N-R
Gear ratio	2.38:1	2.38:1	1.92:1	1.85:1
Trim & tilt	PTT	PTT	PTT	PTT
Engine transom height	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)
Dry weight	165 kg~	165 kg~	206 kg~	220 kg

SeaPro

Model	225	250	300AMS	300CMS
Max. prop shaft output	168 kW (225 ps)	186 kW (250 ps)	224 kW (300 ps)	224 kW (300 ps)
Full throttle operating range	4,800 – 5,600 r/min	4,800 – 5,600 r/min	4,800 – 5,600 r/min	4,800 – 5,600 r/min
Engine type	DOHC, V8 32 Valves	DOHC, V8 32 Valves	DOHC, V8 32 Valves	DOHC, V8 32 Valves
Displacement	4.6 L	4.6 L	4.6 L	4.6 L
Bore × stroke	92 × 86 mm	92 × 86 mm	92 × 86 mm	92 × 86 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	Electric fuel injection	Electric fuel injection	Electric fuel injection	Electric fuel injection
Lubrication system	Integrated wet sump	Integrated wet sump	Integrated wet sump	Integrated wet sump
Ignition system	SmartCraft PCM 112 Digital Inductive	SmartCraft PCM 112 Digital Inductive	SmartCraft PCM 112 Digital Inductive	SmartCraft PCM 112 Digital Inductive
Alternator	85 A	85 A	115 A	85 A
Cooling system	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat
Exhaust system	Through prop	Through prop	Through prop	Through prop
Gear shift	F-N-R	F-N-R	F-N-R	F-N-R
Gear ratio	1.75:1	1.75:1	1.75:1	1.75:1
Trim & tilt	PTT	PTT	PTT	PTT
Engine transom height	508, 635, 762 mm (20, 25, 30 inch)	508, 635, 762 mm (20, 25, 30 inch)	508, 635, 762 mm (20, 25, 30 inch)	508, 635, 762 mm (20, 25, 30 inch)
Dry weight	239 kg	239 kg	272 kg	239 kg

Command Thrust

Model	9.9	40	50	60
Max.prop shaft output	7.3 kW (9.9 ps)	30 kW (40 ps)	37 kW (50 ps)	45 kW (60 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,500 – 6,000 r/min	5,500 – 6,000 r/min	5,500 – 6,000 r/min
Engine type	SOHC, In-line 2	SOHC, In-line 4	SOHC, In-line 4	SOHC, In-line 4
Displacement	208 cm³	995 cm³	995 cm³	995 cm³
Bore × stroke	55 × 44 mm	65 × 75 mm	65 × 75 mm	65 × 75 mm
Starting system	Electric & manual	Electric	Electric	Electric
Fuel induction system	Carburetor	Electronic fuel injection	Electronic fuel injection	Electronic fuel injection
Lubrication system	—	Wet sump	Wet sump	Wet sump
Ignition system	CDI	ECM	ECM	ECM
Alternator	6 A/76 W	18 A/226 W	18 A/226 W	18 A/226 W
Cooling system	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat
Exhaust system	Through prop	Through prop	Through prop	Through prop
Gear shift	F-N-R	F-N-R	F-N-R	F-N-R
Gear ratio	2.42:1	2.33:1	2.33:1	2.33:1
Trim & tilt	PT	PT	PT	PT
Engine transom height	508, 635 mm (20, 25 inch)	508 mm (20 inch)	508 mm (20 inch)	508, 635 mm (20, 25 inch)
Dry weight	44 kg~	118 kg~	118 kg~	118 kg~

Command Thrust

Model	90	100	115	115ProXS
Max.prop shaft output	67 kW (90 ps)	73.6 kW (100 ps)	86 kW (115 ps)	86 kW (115 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,300 – 6,300 r/min
Engine type	SOHC, In-line 4	SOHC, In-line 4	SOHC, In-line 4	SOHC, In-line 4
Displacement	2.1 L	2.1 L	2.1 L	2.1 L
Bore × stroke	90 × 81 mm	90 × 81 mm	90 × 81 mm	90 × 81 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	Electronic fuel injection	Electric fuel injection	Electronic fuel injection	Electric fuel injection
Lubrication system	Wet sump	Wet sump	Wet sump	Wet sump
Ignition system	SmartCraft ECM 70 Digital Inductive	SmartCraft ECM 70 Digital Inductive	SmartCraft ECM 70 Digital Inductive	SmartCraft ECM 70 Digital Inductive
Alternator	35 A/441 W	35 A/441 W	35 A/441 W	35 A/441 W
Cooling system	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat
Exhaust system	Through prop	Through prop	Through prop	Through prop
Gear shift	F-N-R	F-N-R	F-N-R	F-N-R
Gear ratio	2.38:1	2.38:1	2.38:1	2.38:1
Trim & tilt	PTT	PTT	PTT	PTT
Engine transom height	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)
Dry weight	165 kg~	165 kg	165 kg~	165 kg

Pro Kicker

Model	9.9	15EFI
Max. prop shaft output	7.3 kW (9.9 ps)	11.1 kW (15 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,700 – 6,200 r/min
Engine type	SOHC, In-line 2	SOHC, In-line 2
Displacement	208 cm³	333 cm³
Bore × stroke	55 × 44 mm	61 × 57 mm
Starting system	Electric & manual	Electric
Fuel induction system	Carburetor	Electronic fuel injection
Lubrication system	—	—
Ignition system	CDI	CDI
Alternator	6 A/76 W	12 A/145 W
Cooling system	Water-cooled with thermostat	Water-cooled with thermostat
Exhaust system	Through prop	Through prop
Gear shift	F-N-R	F-N-R
Gear ratio	2.42:1	2.15:1
Trim & tilt	PT	PT
Engine transom height	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)
Dry weight	49 kg~	56 kg~

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COMPETITIVE SPECIFICATION

SUZUKI

SUZUKI

Exhaust Emission

★★ : Carb 2004 2-star

★★★ : Carb 2008 3-star

PS		
2.5	★★★ DF2.5 L1 68cm ³	
4	★★★ DF4A L1 138cm ³	
5	DF5A	
6	DF6A	
8	DF8A L2 208cm ³	
9.9	DF9.9A	
15		DF9.9B L2 327cm ³ DF9.9BT
20		DF15A
25		DF20A
30		DF25A L3 490cm ³
40		DF30A
50		DF40A L3 941cm ³
60		DF50A DF50AV
70		DF60A DF60AV
80		★★★ DF70A L4 1502cm ³
90		DF80A
100		★★★ DF90A
115		DF100B
140		DF115A L4 2044cm ³ DF115SS
150	DF150AP	DF150A L4 2867cm ³ (Counter Rotation Available) DF150SS
175	DF175AP	DF175A
200	DF200AP	DF200A DF200SS
225		DF200 V6 3614cm ³
250	DF250AP V6 4028cm ³	DF225 V6 3614cm ³ (Counter Rotation Available)
300	DF300AP	DF250 DF250SS
325	DF325A V6 4390cm ³	
350	DF350A	DF300B

Fuel Injection

Model	DF2.5	DF4A	DF5A	DF6A
Max. prop shaft output	1.8 kW (2.5 ps)	2.9 kW (4 ps)	3.7 kW (5 ps)	4.4 kW (6 ps)
Full throttle operating range	5,250 – 5,750 r/min	4,000 – 5,000 r/min	4,500 – 5,500 r/min	4,750 – 5,750 r/min
Engine type	OHV, 1-cylinder	OHV, 1-cylinder	OHV, 1-cylinder	OHV, 1-cylinder
Displacement	68 cm ³	138 cm ³	138 cm ³	138 cm ³
Bore × stroke	48 × 38 mm	60.4 × 48 mm	60.4 × 48 mm	60.4 × 48 mm
Starting system	Manual	Manual	Manual	Manual
Fuel induction system	Carburetor	Carburetor	Carburetor	Carburetor
Ignition system	CDI	CDI	CDI	CDI
Alternator	—	12 V 5 A	5 A (optional)	12 V 5 A (Optional)
Gear ratio	2.15:1	1.92:1	1.92:1	1.92:1
Trim & tilt	Manual	Manual	Manual	Manual
Engine transom height	S: 15 inch, L: 20 inch	S: 15 inch, L: 20 inch	S: 15 inch, L: 20 inch	S: 15 inch, L: 20 inch
Dry weight	13.5 – 14 kg	24 – 25 kg	24 – 25 kg	24 – 25 kg

4-STROKE

COMPETITIVE

Model	DF8A	DF9.9A	DF9.9B	DF9.9BT
Max. prop shaft output	5.9 kW (8 ps)	7.3 kW (9.9 ps)	7.3 kW (9.9 ps)	7.3 kW (9.9 ps)
Full throttle operating range	4,700 – 5,700 r/min	5,200 – 6,200 r/min	4,700 – 5,700 r/min	4,700 – 5,700 r/min
Engine type	In-line 2	In-line 2	SOHC, In-line 2	In-line 2
Displacement	208 cm³	208 cm³	327 cm³	327 cm³
Bore × stroke	51 × 51 mm	51 × 51 mm	60.4 × 57 mm	60 × 57 mm
Starting system	S: Manual L: Manual and Electric	Manual	Electric	Electric
Fuel induction system	Caburetor	Caburetor	Electronic fuel injection	Electric fuel injection
Ignition system	CDI	CDI	CDI	Digital CDI
Alternator	Manual 12V 6A Electric 12V 10A	10 A	12 A	12 A
Gear ratio	2.08:1	2.08:1	2.08:1	2.08:1
Trim & tilt	Manual	Manual	Manual or PT (OP)	Power Tilt
Engine transom height	S: 15 inch, L: 20 inch	S: 15 inch, L: 20 inch	L: 20 inch, X: 25 inch	L: 20 inch, X: 25 inch
Dry weight	Manual 39-41.5 kg Electric 46 kg	39 – 41.5 kg	49 – 54 kg	49 – 54 kg

Model	DF15A	DF20A	DF25A	DF30A
Max. prop shaft output	11.0 kW (15 ps)	14.7 kW (20 ps)	18.4 kW (25 ps)	22.1 kW (30 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,300 – 6,300 r/min	5,000 – 6,000 r/min	5,300 – 6,300 r/min
Engine type	SOHC, In-line 2	SOHC, In-line 2	SOHC, In-line 3	SOHC, In-line 3
Displacement	327 cm³	327 cm³	490 cm³	490 cm³
Bore × stroke	60.4 × 57 mm	60.4 × 57 mm	60.4 × 57 mm	60.4 × 57 mm
Starting system	S: Manual and Electric, L: Electric	S: Manual or Electric, L: Electric	S: Manual or Electric, L: Manual	Electric
Fuel induction system	Electric fuel injection	Electric fuel injection	Electric fuel injection	Electric fuel injection
Ignition system	CDI	CDI	CDI	CDI
Alternator	Manual 12 V 6 A, Electric 12 V 12 A	Manual 12 V 6 A, Electric 12 V 12 A	Manual 12 V 14 A, Electric 12 V 14 A	12 V 14 A
Gear ratio	2.08:1	2.08:1	2.09:1	2.09:1
Trim & tilt	Manual or PT (OP)	Manual	Manual	PTT
Engine transom height	S: 15 inch, L: 20 inch	S: 15 inch, L: 20 inch	S: 15 inch, L: 20 inch	L: 20 inch
Dry weight	Manual 44 – 48 kg, Electric 49 kg	Manual 44 – 48 kg, Electric 49 kg	Manual 61 – 63 kg, Electric 74 kg	71 – 74 kg

COMPETITIVE SPECIFICATION

SUZUKI

Model	DF40A	DF50A	DF50AV	DF60A
Max. prop shaft output	29.4 kW (40 ps)	36.8 kW (50 ps)	36.8 kW (50 ps)	44.1 kW (60 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,300 – 6,300 r/min	5,300 – 6,300 r/min	5,300 – 6,300 r/min
Engine type	DOHC, In-line 3, 12-valve	DOHC, In-line 3, 12-valve	DOHC, In-line 3, 12-valve	DOHC, In-line 3, 12-valve
Displacement	941 cm ³	941 cm ³	941 cm ³	941 cm ³
Bore × stroke	72.5 × 76 mm	72.5 × 76 mm	72.5 × 76 mm	72.5 × 76 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	Electric fuel injection	Electric fuel injection	Electric fuel injection	Electric fuel injection
Ignition system	Solid State Direct Ignition	Solid State Direct Ignition	Solid State Direct Ignition	Solid State Direct Ignition
Alternator	12 V 19 A	12 V 19 A	12 V 19 A	12 V 19 A
Gear ratio	2.27:1	2.27:1	2.42:1	2.27:1
Trim & tilt	PTT	PTT	PTT	PTT
Engine transom height	S: 15 inch, L: 20 inch	S: 15 inch, L: 20 inch	L: 20 inch	S: 15 inch, L: 20 inch, X: 25 inch
Dry weight	102 – 104 kg	102 – 104 kg	115 kg	102 – 107 kg

Model	DF60AV	DF70A	DF80A	DF90A
Max. prop shaft output	44.1 kW (60 ps)	51.5 kW (70 ps)	58.8 kW (80 ps)	66.2 kW (90 ps)
Full throttle operating range	5,300 – 6,300 r/min	5,000 – 6,000 r/min	5,300 – 6,300 r/min	5,300 – 6,300 r/min
Engine type	DOHC, In-line 3, 12-valve	DOHC, In-line 4, 16-valve	DOHC, In-line 4	DOHC, In-line 4, 16-valve
Displacement	941 cm ³	1,502 cm ³	1,502 cm ³	1,502 cm ³
Bore × stroke	72.5 × 76 mm	75 × 85 mm	75 × 85 mm	75 × 85 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	Electric fuel injection	Electric fuel injection	Electric fuel injection	Electric fuel injection
Ignition system	Solid State Direct Ignition	Solid State Direct Ignition	Fully-transistorised	Solid State Direct Ignition
Alternator	12 V 19 A	12 V 27 A	27 A	12 V 27 A
Gear ratio	2.42:1	2.59:1	2.59:1	2.59:1
Trim & tilt	PTT	PTT	PTT	PTT
Engine transom height	L: 20 inch, X: 25 inch	L: 20 inch, X: 25 inch	L: 20 inch, X: 25 inch	L: 20 inch, X: 25 inch
Dry weight	115 – 118 kg	156 – 160 kg	156 – 160 kg	156 – 160 kg

Model	DF100B	DF115A	DF115SS	DF140A
Max. prop shaft output	73.6 kW (100 ps)	84.6 kW (115 ps)	84.6 kW (115 ps)	103 kW (140 ps)
Full throttle operating range	5,700 – 6,300 r/min	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,600 – 6,200 r/min
Engine type	DOHC, In-line 4	DOHC, In-line 4, 16-valve	DOHC, In-line 4, 16-valve	DOHC, In-line 4, 16-valve
Displacement	1,502 cm³	2,044 cm³	2,044 cm³	2,044 cm³
Bore × stroke	75 × 85 mm	86 × 88 mm	86 × 88 mm	86 × 88 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	Electric fuel injection	Electric fuel injection	Electric fuel injection	Electric fuel injection
Ignition system	Fully-transistorised	Solid State Direct Ignition	Solid State Electronic Ignition	Solid State Direct Ignition
Alternator	27 A	12 V 40 A	12 V 40 A	12 V 40 A
Gear ratio	2.59:1	2.59:1	2.59:1	2.59:1
Trim & tilt	PTT	PTT	PTT	PTT
Engine transom height	L: 20 inch, X: 25 inch	L: 20 inch, X: 25 inch	L: 20 inch, X: 25 inch	L: 20 inch, X: 25 inch
Dry weight	157 – 161 kg	182 – 187 kg	182 – 187 kg	179 – 184 kg

Model	DF150A	DF150AP	DF150SS	DF175A
Max. prop shaft output	110 kW (150 ps)	110 kW (150 ps)	110 kW (150 ps)	129 kW (175 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,500 – 6,100 r/min
Engine type	DOHC, In-line 4, 16-valve	DOHC, In-line 4, 16-valve	In-line 4	DOHC, In-line 4, 16-valve
Displacement	2,867 cm³	2,867 cm³	2,867 cm³	2,867 cm³
Bore × stroke	97 × 97 mm	97 × 97 mm	97 × 97 mm	97 × 97 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	Electric fuel injection	Electric fuel injection	Electric fuel injection	Electric fuel injection
Ignition system	Solid State Direct Ignition	Solid State Direct Ignition	Solid State Direct Ignition	Solid State Direct Ignition
Alternator	12 V 44 A	12 V 44 A	44 A	12 V 44 A
Gear ratio	2.50:1	2.50:1	2.50:1	2.50:1
Trim & tilt	PTT	PTT	PTT	PTT
Engine transom height	L: 20 inch, X: 25 inch	L: 20 inch, X: 25 inch	L: 20 inch, X: 25 inch	L: 20 inch, X: 25 inch
Dry weight	235 – 240 kg	236 – 241 kg	232 – 237 kg	235 – 240 kg

Model	DF175AP	DF200	DF200A	DF200AP
Max. prop shaft output	129 kW (175 ps)	147 kW (200 ps)	147 kW (200 ps)	147 kW (200 ps)
Full throttle operating range	5,500 – 6,100 r/min	5,000 – 6,000 r/min	5,500 – 6,100 r/min	5,500 – 6,100 r/min
Engine type	DOHC, In-line 4, 16-valve	DOHC, V6, 24-valve	DOHC, In-line 4, 16-valve	DOHC, In-line 4, 16-valve
Displacement	2,867 cm³	3,614 cm³	2,867 cm³	2,867 cm³
Bore × stroke	97 × 97 mm	95 × 85 mm	97 × 97 mm	97 × 97 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	Electric fuel injection	Electric fuel injection	Electric fuel injection	Electric fuel injection
Ignition system	Solid State Direct Ignition	Fully-transistorised	Solid State Direct Ignition	Solid State Direct Ignition
Alternator	12 V 44 A	54 A	12 V 44 A	12 V 44 A
Gear ratio	2.50:1	2.29:1	2.50:1	2.50:1
Trim & tilt	PTT	PTT	PTT	PTT
Engine transom height	L: 20 inch, X: 25 inch	L: 20 inch, X: 25 inch, XX: 30 inch	L: 20 inch, X: 25 inch	L: 20 inch, X: 25 inch
Dry weight	236 – 241 kg	264 – 284 kg	235 – 240 kg	236 – 241 kg

Model	DF200SS	DF225	DF250	DF250AP
Max. prop shaft output	147 kW (200 ps)	165 kW (225 ps)	184 kW (250 ps)	184 kW (250 ps)
Full throttle operating range	5,500 – 6,100 r/min	5,000 – 6,000 r/min	5,500 – 6,100 r/min	5,500 – 6,100 r/min
Engine type	In-line 4	DOHC, 55° V6, 24-valve	DOHC, 55° V6, 24-valve	DOHC, V6, 24-valve
Displacement	2,867 cm³	3,614 cm³	3,614 cm³	4,028 cm³
Bore × stroke	97 × 97 mm	95 × 85 mm	95 × 85 mm	98 × 89 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	Electric fuel injection	Electric fuel injection	Electric fuel injection	Electric fuel injection
Ignition system	Solid State Direct Ignition	Solid State Direct Ignition	Solid State Direct Ignition	Solid State Direct Ignition
Alternator	44 A	12 V 54 A	12 V 54 A	12 V 54 A
Gear ratio	2.50:1	2.29:1	2.29:1	2.08:1
Trim & tilt	PTT	PTT	PTT	PTT
Engine transom height	L: 20 inch, X: 25 inch	X: 25 inch, XX: 30 inch	X: 25 inch, XX: 30 inch	X: 25 inch, XX: 30 inch
Dry weight	235 – 240 kg	275 – 284 kg	275 – 284 kg	290 – 299 kg

Model	DF250SS	DF300AP	DF300B	DF325A
Max.prop shaft output	184 kW (250 ps)	220.7 kW (300 ps)	220.7 kW (300 ps)	239 kw (325ps)
Full throttle operating range	5,300 – 6,300 r/min	5,700 – 6,300 r/min	5,300 – 6,300 r/min	5,300 – 6,300 r/min
Engine type	DOHC, 55° V6, 24-valve	DOHC, 55° V6, 24-valve	DOHC, 55° V6, 24-valve	DOHC, 55° V6, 24-valve
Displacement	4,028 cm³	4,028 cm³	4,390 cm³	4,390 cm³
Bore × stroke	98 × 89 mm	98 × 89 mm	98 × 97 mm	98 × 97 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	Electric fuel injection	Electric fuel injection	Electric fuel injection	Electronic fuel injection
Ignition system	Solid State Direct Ignition	Solid State Direct Ignition	Fully-transistorised	Fully-transistorised
Alternator	54 A	12 V 54 A	12 V 54 A	12V 54A
Gear ratio	2.08:1	2.08:1	2.29:1	2.29:1
Trim & tilt	PTT	PTT	PTT	PTT
Engine transom height	L: 20 inch, X: 25 inch	L: 20 inch, X: 25 inch, XX: 30 inch	X: 25 inch, XX: 30 inch	X: 25 inch, XX: 30 inch,
Dry weight	262 kg	262 – 299 kg	330 – 339 kg	330 – 339 kg

Model	DF350A	
Max.prop shaft output	257.4 kW (350 ps)	
Full throttle operating range	5,700 – 6,300 r/min	
Engine type	DOHC, 55° V6, 24-valve	
Displacement	4,390 cm³	
Bore × stroke	98 × 97 mm	
Starting system	Electric	
Fuel induction system	Electric fuel injection	
Ignition system	Solid State Direct Ignition	
Alternator	12 V 54 A	
Gear ratio	2.29:1	
Trim & tilt	PTT	
Engine transom height	X: 25 inch, XX: 30 inch	
Dry weight	330 – 339 kg	

COMPETITIVE SPECIFICATION

TOHATSU

TOHATSU

Exhaust Emission

★★ : Carb 2004 2-star

★★★ : Carb 2008 3-star

PS	
2.5	MFS2.5 L1 85.5cm ³
3.5	MFS3.5
4	MFS4 L1 123cm ³
5	MFS5 — MFS5 LPG
	MFS6
6	MFS6 Z L2 209cm ³
8	MFS8
9.8	MFS9.8
9.9	MFS9.9 L2 333cm ³
15	MFS15
20	MFS20
25	MFS25 L3 526cm ³
30	MFS30
40	MFS40 L3 866cm ³
50	MFS50
60	MFS60
	BFT60 L3 998cm ³
75	BFT75 L4 1496cm ³
80	BFT80
90	BFT90
100	BFT100
115	BFT115 L4 2354cm ³
150	BFT150
200	BFT200 V6 3583cm ³
225	BFT225
250	BFT250

Fuel Injection

Model	MFS2.5	MFS3.5	MFS4	MFS5
Max. prop shaft output	1.8 kW (2.5 ps)	2.6 kW (3.5 ps)	2.9 kW (4 ps)	3.7 kW (5 ps)
Full throttle operating range	4,500 – 5,500 r/min	5,000 – 6,000 r/min	4,500 – 5,500 r/min	4,500 – 5,500 r/min
Engine type	OHV, 1-cylinder	OHV, 1-cylinder	OHV, 1-cylinder	OHV, 1-cylinder
Displacement	85.5 cm ³	85.5 cm ³	123 cm ³	123 cm ³
Bore × stroke	55 × 36 mm	55 × 36 mm	59 × 45 mm	59 × 45 mm
Starting system	Manual	Manual	Manual	Manual
Fuel induction system	Carburetor	Carburetor	Carburetor	Carburetor
Ignition system	CDI	CDI	CDI	CDI
Alternator	N/A	N/A	OP: 12 V, 60 W, 5 A	OP: 12 V, 60 W, 5 A
Gear shift	F-N	F-N	F-N-R	F-N-R
Gear ratio	2.15:1	2.15:1	2.15:1	2.15:1
Trim & tilt	—	—	—	—
Engine transom height	S: 435 mm, L: 562 mm	S: 435 mm, L: 562 mm	S: 435 mm, L: 562 mm	S: 435 mm, L: 562 mm
Dry weight	18.4 – 19.4 kg	18.4 – 19.4 kg	26.1 – 26.6 kg	26.1 – 26.6 kg

COMPETITIVE

4-STROKE

Model	MFS5 LPG	MFS6	MFS6 Z	MFS8
Max. prop shaft output	3.7 kW (5 ps)	4.4 kW (6 ps)	4.4 kW (6 ps)	5.9 kW (8 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,000 – 6,000 r/min
Engine type	OHV, 1-cylinder	OHV, 1-cylinder	In-line 2	SOHC, In-line 2
Displacement	123 cm³	123 cm³	209 cm³	209 cm³
Bore × stroke	59 × 45 mm	59 × 45 mm	55 × 44 mm	55 × 44 mm
Starting system	Manual	Manual	Electric & Manual or Manual	Electric & Manual or Manual
Fuel induction system	—	Carburetor	—	Carburetor
Ignition system	CDI	CDI	—	CDI
Alternator	OP: 12 V, 60 W, 5 A	OP: 12 V, 60 W, 5 A	6 A	Electric: 12 V, 80 W, 6 A
Gear shift	F-N-R	F-N-R	—	F-N-R
Gear ratio	2.15:1	2.15:1	2.08:1	2.08:1
Trim & tilt	—	—	Remote Control or Tiller Handle	—
Engine transom height	S: 435 mm, L: 562 mm	S: 435 mm, L: 562 mm	15, 20 inch	S: 435 mm, L: 562 mm
Dry weight	27.2 – 27.5 kg	25.6 kg	37 kg	37 – 41 kg

Model	MFS9.8	MFS9.9	MFS15	MFS20
Max. prop shaft output	7.2 kW (9.8 ps)	7.3 kW (9.9 ps)	11 kW (15 ps)	14.7 kW (20 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,400 – 6,100 r/min	5,400 – 6,100 r/min	5,400 – 6,100 r/min
Engine type	SOHC, In-line 2	In-line 2	SOHC, In-line 2	SOHC, In-line 2
Displacement	209 cm³	333 cm³	333 cm³	333 cm³
Bore × stroke	55 × 44 mm	61 × 57 mm	61 × 57 mm	61 × 57 mm
Starting system	Electric & Manual or Manual	Electric & Manual or Manual	Electric & Manual or Manual	Electric & Manual or Manual
Fuel induction system	Carburetor	—	Electronic fuel injection	Electronic fuel injection
Ignition system	CDI	—	CDI	CDI
Alternator	Electric: 12 V, 80 W, 6 A	12 A	12 V, 145 W, 12 A	12 V, 145 W, 12 A
Gear shift	F-N-R	F-N-R	F-N-R	F-N-R
Gear ratio	2.08:1	2.15:1	2.15:1	2.15:1
Trim & tilt	OP: PT	Remote Control or Tiller Handle	OP: PT	OP: PT
Engine transom height	S: 435 mm, L: 562 mm, UL: 689 mm	15, 20 inch	S: 435 mm, L: 562 mm	S: 435 mm, L: 562 mm
Dry weight	37 – 49 kg	43 kg	43 – 52.5 kg	43 – 53.5 kg

Model	MFS25	MFS30	MFS40	MFS50
Max. prop shaft output	18.4 kW (25 ps)	22.1 kW (30 ps)	29.4 kW (40 ps)	36.8 kW (50 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,250 – 6,250 r/min	5,000 – 6,000 r/min	5,000 – 6,000 r/min
Engine type	SOHC, In-line 3	SOHC, In-line 3	SOHC, In-line 3	SOHC, In-line 3
Displacement	526 cm ³	526 cm ³	866 cm ³	866 cm ³
Bore × stroke	61 × 60 mm	61 × 60 mm	70 × 75 mm	70 × 75 mm
Starting system	Electric & Manual or Manual	Electric & Manual or Manual	Electric	Electric
Fuel induction system	Electronic fuel injection	Electronic fuel injection	Electronic fuel injection	Electronic fuel injection
Ignition system	CDI	CDI	Inductive ignition	Inductive ignition
Alternator	12 V, 180 W, 15 A	12 V, 180 W, 15 A	12 V, 252 W, 21 A	12 V, 252 W, 21 A
Gear shift	F-N-R	F-N-R	F-N-R	F-N-R
Gear ratio	2.17:1	2.17:1	2.08:1	2.08:1
Trim & tilt	OP: PT	OP: PT	Gas, PTT	Gas, PTT
Engine transom height	L: 552 mm	L: 552 mm, UL: 679 mm	S: 405 mm, L: 538 mm	S: 405 mm, L: 538 mm
Dry weight	71.5 kg	71.5 kg	94.5 – 100 kg	94.5 – 100 kg

Model	MFS60	BFT60	BFT75	BFT80
Max. prop shaft output	44.1 kW (60 ps)	44.1 kW (60 ps)	55.9 kW (75 ps)	58.8 kW (80 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,000 – 6,000 r/min
Engine type	In-line 3	SOHC, In-line 3, 12-valve	SOHC, In-line 4	SOHC, In-line 4
Displacement	866 cm ³	998 cm ³	1,496 cm ³	1,496 cm ³
Bore × stroke	70 × 75 mm	73 × 80 mm	73 × 89.4 mm	73 × 89 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	—	Programmed fuel injection	Programmed fuel injection	Programmed Fuel Injection
Ignition system	—	CDI	CDI	Micro Computer Programmed
Alternator	21 A	12 V, 264 W, 22 A	12 V, 420 W, 35 A	35 A
Gear shift	—	F-N-R	F-N-R	F-N-R
Gear ratio	2.08:1	2.07:1	2.33:1	2.33:1
Trim & tilt	Remote Control or Tiller Handle	PTT	PTT	PTT
Engine transom height	20 inch	L: 521 mm	L: 537 mm, X: 664 mm	20, 25 inch
Dry weight	—	110 – 115 kg	166 – 172 kg	165 kg

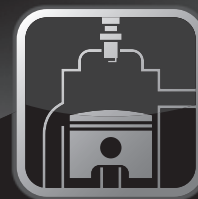
Model	BFT90	BFT100	BFT115	BFT150
Max. prop shaft output	67.1 kW (90 ps)	73.6 kW (100 ps)	85.8 kW (115 ps)	119.9 kW (150 ps)
Full throttle operating range	5,300 – 6,300 r/min	5,300 – 6,300 r/min	4,500 – 6,000 r/min	5,000 – 6,000 r/min
Engine type	SOHC with VVT & LC, In-line 4	SOHC, In-line 4	DOHC, In-line 4, 16-valve	DOHC with VVT & LC, In-line 4, 16-valve
Displacement	1,496 cm³	1,496 cm³	2,354 cm³	2,354 cm³
Bore × stroke	73 × 89.4 mm	73 × 89 mm	87 × 99 mm	87 × 99 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	Programmed fuel injection	Programmed Fuel Injection	Programmed fuel injection	Programmed fuel injection
Ignition system	CDI	Micro Computer Programmed	CDI	TCI
Alternator	12 V, 420 W, 35 A	35 A	12 V, 660 W, 55 A	12 V, 660 W, 50 A
Gear shift	F-N-R	F-N-R	F-N-R	F-N-R
Gear ratio	2.33:1	2.33:1	2.14:1	2.14:1
Trim & tilt	PTT	PTT	PTT	PTT
Engine transom height	L: 537 mm, X: 664 mm	20, 25 inch	L: 508 mm, X: 635 mm	L: 508 mm, X: 635 mm
Dry weight	166 – 172 kg	165 kg	217 – 220 kg	217 – 220 kg

Model	BFT200	BFT225	BFT250
Max. prop shaft output	147.1 kW (200 ps)	165.5 kW (225 ps)	183.9 kW (250 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,300 – 6,300 r/min
Engine type	SOHC, 60° V6, 24-valve	SOHC with VVT & LC, 60° V6, 24-valve	SOHC with VVT & LC, 60° V6, 24-valve
Displacement	3,583 cm³	3,583 cm³	3,583 cm³
Bore × stroke	89 × 96 mm	89 × 96 mm	89 × 96 mm
Starting system	Electric	Electric	Electric
Fuel induction system	Programmed fuel injection	Programmed fuel injection	Programmed fuel injection
Ignition system	CDI	CDI	CDI
Alternator	12 V, 1180 W, 90 A	12 V, 1180 W, 90 A	12 V, 1180 W, 90 A
Gear shift	F-N-R	F-N-R	F-N-R
Gear ratio	2.00:1	2.00:1	2.00:1
Trim & tilt	PTT	PTT	PTT
Engine transom height	L: 508 mm, X: 635 mm	X: 635 mm	X: 636 mm
Dry weight	265 – 270 kg	286 kg	286 kg

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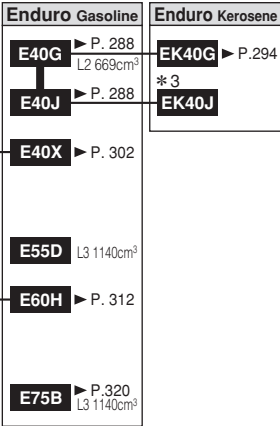
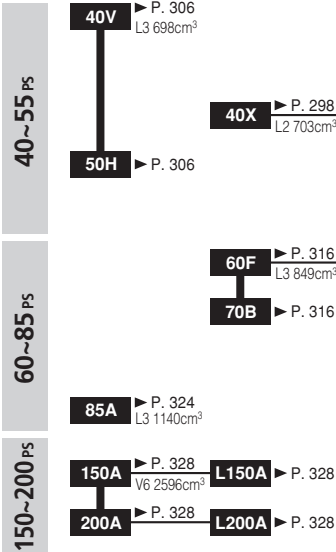
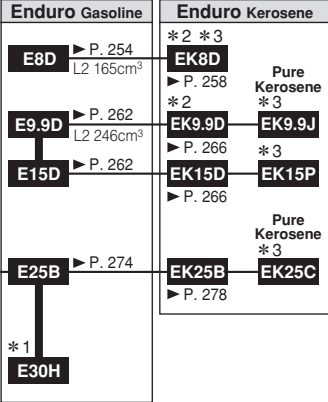
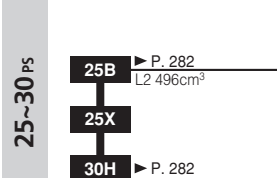
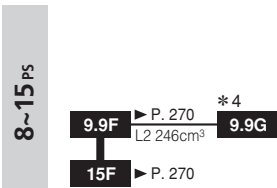
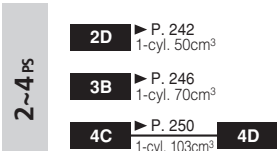
YAMAHA 2-STROKE OUTBOARD MOTORS



PRODUCT INFORMATION GUIDE 2021

2-STROKE

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* 1 : Malaysia
* 2 : India
* 3 : Sri Lanka

* 4 : Russia

Exhaust Emission
★★ : Carb 2004 2-star
(US Version only)

2D



2D

MODEL CODE (Approved code)

2D 6GD (6GD)

MODELS AVAILABLE

Tiller Handle

2D MH

Dry weight
10 kg

SPECIFICATIONS

Performance	2D
Max. prop shaft output	1.5 kW (2 ps)
Full throttle operating range	4500 – 5500 r/min
Idling speed	1100 – 1200 r/min
Fuel consumption	1.4 L/h @5000 r/min

Engine	
Engine type	1-cylinder
Displacement	50 cm ³
Bore × stroke	42.0 × 36.0 mm
Compression ratio	8.3 :1
Starting enrichment	Manual choke
Scavenging	Loop charge
Fuel induction system	1 carburetor
Lubrication system	Pre-mixed fuel and oil
Oil - fuel mixing ratio	50 :1 (CRB, OCE 100 :1)
Engine oil capacity	—
Built-in fuel tank	1.1 L
Ignition system	CDI
Ignition timing	BTDC 18 deg.
Spark plug	B7HS, BR7HS
Alternator	—
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Under water

Bracket / Drive	
Trim	4 positions
Shallow water drive	—
Steering angle	360 deg.
Gear shift	F
Gear ratio	2.08 (27/13)
Gear oil capacity	0.045 L
Propeller fitting	Shear Pin
Propeller rotation	Clockwise
Shaft length	S
Engine transom height	S : 419 mm (16.4 in)

2-STROKE

2-4 ps

FEATURE TABLE

CATEGORY	FEATURE ITEM	2D
		MH
Security	Start in gear protection	—
	Engine stop switch lanyard	—
	Over rev. limiter	—
	Overheat warning	—
Corrosion prevention	Stainless steel water pump housing	●
	Chrome plated water pump housing	—
	Stainless steel water tube	—
	Single large anode	●
Power unit	Corrosion free resin propeller	●
	Carburetor	●
	Gasoline [Regular]	●
Convenience	Carrying handle	—
	Built-in fuel tank	●
	2-way fuel supply system	—
	360 deg. full pivot steering	●
	Shallow water drive	—

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	2D
	MH
Lighting coil	—
Portable fuel tank	—
Spark plug	●

PROPELLER	2D
	MH
Standard propeller	—
• Traditional propeller	A
• Weedless propeller	—

CONSUMES	2D
	MH
Yamalube 2, 2M	●
Yamalube gear oil (GL4)	●
Yamaha grease A	●
Yamaha grease D	●

— : N/A (Not available)

3B



3B

MODEL CODE (Approved code)

3B 6GE (6GE)

MODELS AVAILABLE

Tiller Handle

3B MH

Dry weight
17 kg

SPECIFICATIONS

Performance	3B
Max. prop shaft output	2.2 kW (3 ps)
Full throttle operating range	4500 – 5500 r/min
Idling speed	1150 – 1250 r/min
Fuel consumption	2.0 L/h @5000 r/min

Engine	
Engine type	1-cylinder
Displacement	70 cm ³
Bore × stroke	46.0 × 42.0 mm
Compression ratio	6.9 :1
Starting enrichment	Manual choke
Scavenging	Loop charge
Fuel induction system	1 carburetor
Lubrication system	Pre-mixed fuel and oil
Oil - fuel mixing ratio	50 :1 (OCE 100 :1)
Engine oil capacity	—
Built-in fuel tank	1.3 L
Ignition system	CDI
Ignition timing	BTDC 6.0 – 21.0 deg.
Spark plug	B6HS-10, BR6HS-10
Alternator	—
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Under water

Bracket / Drive	
Trim	5 positions
Shallow water drive	2 positions
Steering angle	360 deg.
Gear shift	F-N
Gear ratio	2.08 (27/13)
Gear oil capacity	0.075 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	S
Engine transom height	S : 440 mm (17.3 in)

2-STROKE

2-4 ps

FEATURE TABLE

CATEGORY	FEATURE ITEM	3B
		MH
Security	Start in gear protection	—
	Engine stop switch lanyard	—
	Over rev. limiter	—
	Overheat warning	—
Corrosion prevention	Stainless steel water pump housing	●
	Chrome plated water pump housing	—
	Stainless steel water tube	●
	Single large anode	●
Power unit	Corrosion free resin propeller	—
	Carburetor	●
	Gasoline [Regular]	●
Convenience	Carrying handle	●
	Built-in fuel tank	●
	2-way fuel supply system	—
	360 deg. full pivot steering	●
	Shallow water drive	●

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	3B
	MH
Lighting coil	—
Portable fuel tank	—
Spark plug	●

PROPELLER	3B
	MH
Standard propeller	—
• Traditional propeller	BS
• Weedless propeller	—

CONSUMES	3B
	MH
Yamalube 2, 2M	●
Yamalube gear oil (GL4)	●
Yamaha grease A	●
Yamaha grease D	●

— : N/A (Not available)

4C 4D



4C

MODEL CODE (Approved code)

4C	6GP (6GPK)
4D	6GV (6GVK)

MODELS AVAILABLE

Tiller Handle

4C	MH
4D	MH

Dry weight
21 – 22 kg

SPECIFICATIONS

Performance	4C	4D
Max. prop shaft output	2.9 kW (4 ps)	
Full throttle operating range	4500 – 5500 r/min	
Idling speed	1100 – 1200 r/min	
Fuel consumption	2.8 L/h @5500 r/min	

Engine	
Engine type	1-cylinder
Displacement	103 cm ³
Bore × stroke	54.0 × 45.0 mm
Compression ratio	6.5 :1
Starting enrichment	Manual choke
Scavenging	Cross flow
Fuel induction system	1 carburetor
Lubrication system	Pre-mixed fuel and oil
Oil - fuel mixing ratio	50 :1 (EUR, CRB 100 :1)
Engine oil capacity	—
Built-in fuel tank	2.8 L
Ignition system	CDI
Ignition timing	BTDC 5.0 – 28.0 deg.
Spark plug	B7HS
Alternator	60 W (optional)
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Under water

Bracket / Drive	
Trim	5 positions
Shallow water drive	3 positions
Steering angle	360 deg.
Gear shift	F-N-R
Gear ratio	2.08 (27/13)
Gear oil capacity	0.100 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	S, L (4D: S)
Engine transom height	S : 444 mm (17.5 in), L : 571 mm (22.5 in)

2-STROKE

2-4 ps

FEATURE TABLE

CATEGORY	FEATURE ITEM	4C	4D
		MH	MH
Security	Start in gear protection	●	●
	Engine stop switch lanyard	●	●
	Over rev. limiter	—	—
	Overheat warning	—	—
Corrosion prevention	Stainless steel water pump housing	●	●
	Chrome plated water pump housing	—	—
	Stainless steel water tube	—	—
	Single large anode	●	●
Power unit	Corrosion free resin propeller	—	—
	Carburetor	●	●
	Gasoline [Regular]	●	●
Convenience	Carrying handle	—	—
	Built-in fuel tank	●	—
	2-way fuel supply system	●	—
	360 deg. full pivot steering	●	●
	Shallow water drive	●	●

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	4C	4D
	MH	MH
Lighting coil	●	●
Portable fuel tank	●	●
Spark plug	●	●

PROPELLER	4C	4D
	MH	MH
Standard propeller	—	—
• Traditional propeller	—	—
• Weedless propeller	BA	BA

CONSUMES	4C	4D
	MH	MH
Yamalube 2, 2M	●	●
Yamalube gear oil (GL4)	●	●
Yamaha grease A	●	●
Yamaha grease D	●	●

— : N/A (Not available)

E8D

ENDURO Gasoline



E8D

MODEL CODE (Approved code)

E8D 677 (677K)

MODELS AVAILABLE

Tiller Handle

E8D MH

Dry weight
28 , 29 kg

SPECIFICATIONS

Performance	E8D
Max. prop shaft output	5.9 kW (8 ps)
Full throttle operating range	4500 – 5500 r/min
Idling speed	1200 – 1300 r/min
Fuel consumption	4.0 L/h @5500 r/min

Engine	
Engine type	In-line 2
Displacement	165 cm ³
Bore × stroke	50.0 × 42.0 mm
Compression ratio	6.8 :1
Starting enrichment	Manual choke
Scavenging	Loop charge
Fuel induction system	1 carburetor
Lubrication system	Pre-mixed fuel and oil
Oil - fuel mixing ratio	50 :1
Engine oil capacity	—
Ignition system	CDI
Ignition timing	BTDC 2.0 – 25.0 deg.
Spark plug	B7HS-10
Alternator	40 W (optional)
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Under water

Bracket / Drive	
Trim	4 positions
Shallow water drive	3 positions
Steering angle	360 deg.
Gear shift	F-N-R
Gear ratio	2.08 (27/13)
Gear oil capacity	0.230 L
Propeller fitting	Shear pin
Propeller rotation	Clockwise
Shaft length	S, L
Engine transom height	S : 442 mm (17.4 in), L : 582 mm (22.9 in)

2-STROKE

8-15 ps

FEATURE TABLE

CATEGORY	FEATURE ITEM	E8D
		MH
Security	Start in gear protection	●
	Engine stop switch lanyard	●
	Over rev. limiter	—
	Overheat warning	—
Corrosion prevention	Stainless steel water pump housing	—
	Chrome plated water pump housing	●
	Stainless steel water tube	—
	Multiple anode	●
Power unit	Single large anode	—
	Carburetor	●
	Gasoline [Regular]	●
Control	Instruments (electric start model)	—
	Remote control (electric start model)	—
Convenience	Carrying handle	●
	360 deg. full pivot steering	●
	Shallow water drive	●

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	E8D
	MH
Lighting coil	●
Portable fuel tank	●
Spark plug	●

PROPELLER	E8D
	MH
Standard propeller	—
• Traditional propeller	C
• Weedless propeller	—
• Dual thrust propeller	—

CONSUMES	E8D
	MH
Yamalube 2, 2M	●
Yamalube gear oil (GL4)	●
Yamaha grease A	●
Yamaha grease D	●

— : N/A (Not available)

EK8D

ENDURO Kerosene



EK8D

MODEL CODE (Approved code)

EK8D 680 (680K)

MODELS AVAILABLE

Tiller Handle

EK8D MH

Dry weight
29 kg

SPECIFICATIONS

Performance	EK8D
Max. prop shaft output	5.9 kW (8 ps)
Full throttle operating range	4500 – 5500 r/min
Idling speed	1350 – 1450 r/min
Fuel consumption	4.0 L/h @5500 r/min

Engine	
Engine type	In-line 2
Displacement	165 cm ³
Bore × stroke	50.0 × 42.0 mm
Compression ratio	5.8 :1
Starting enrichment	Manual enrichment
Scavenging	Loop charge
Fuel induction system	1 carburetor
Lubrication system	Pre-mixed fuel and oil
Oil - fuel mixing ratio	30 :1
Engine oil capacity	—
Ignition system	CDI
Ignition timing	BTDC 10.0 – 25.0 deg.
Spark plug	B6HS
Alternator	40 W
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Under water

Bracket / Drive	
Trim	4 positions
Shallow water drive	3 positions
Steering angle	360 deg.
Gear shift	F-N-R
Gear ratio	2.08 (27/13)
Gear oil capacity	0.230 L
Propeller fitting	Shear pin
Propeller rotation	Clockwise
Shaft length	L
Engine transom height	L : 582 mm (22.9 in)

2-STROKE

8-15 ps

FEATURE TABLE

CATEGORY	FEATURE ITEM	EK8D
		MH
Security	Start in gear protection	●
	Engine stop switch lanyard	●
	Over rev. limiter	—
	Overheat warning	—
Corrosion prevention	Stainless steel water pump	—
	Chrome plated water pump	●
	Stainless steel water tube	—
	Multiple anode	●
Power unit	Single large anode	—
	Carburetor	●
	Gasoline [Regular]	—
Control	Instruments (electric start model)	—
	Remote control (electric start model)	—
Convenience	Carrying handle	●
	360 deg. full pivot steering	●
	Shallow water drive	●

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	EK8D
	MH
Lighting coil	●
Portable fuel tank	●
Spark plug	●

PROPELLER	EK8D
	MH
Standard propeller	—
• Traditional propeller	C
• Weedless propeller	—
• Dual thrust propeller	—

CONSUMES	EK8D
	MH
Yamalube 2, 2M	●
Yamalube gear oil (GL4)	●
Yamaha grease A	●
Yamaha grease D	●

— : N/A (Not available)

E9.9D E15D

ENDURO Gasoline



E15D

MODEL CODE (Approved code)

E9.9D	6B3 (6B3K)
E15D	6B4 (6B4K)

MODELS AVAILABLE

Tiller Handle

E9.9D	MH
E15D	MH

Dry weight

E9.9D	38 – 40 kg
E15D	38 – 41 kg

SPECIFICATIONS

Performance	E9.9D	E15D
Max. prop shaft output	7.3 kW (9.9 ps)	11.0 kW (15 ps)
Full throttle operating range	4500 – 5500 r/min	
Idling speed	1000 – 1100 r/min	
Fuel consumption	6.9 L/h @5500 r/min	7.7 L/h @5500 r/min

Engine

Engine type	In-line 2
Displacement	246 cm ³
Bore × stroke	56.0 × 50.0 mm
Compression ratio	7.0 : 1
Starting enrichment	Manual choke
Scavenging	Loop charge
Fuel induction system	1 carburetor
Lubrication system	Pre-mixed fuel and oil
Oil - fuel mixing ratio	50 : 1
Engine oil capacity	—
Ignition system	CDI
Ignition timing	TDC – BTDC 30.0 deg.
Spark plug	B8HS-10
Alternator	80 W (optional)
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive

Trim	4 positions	
Shallow water drive	1 position	
Steering angle	40 deg. each direction	
Gear shift	F-N-R	
Gear ratio	2.08 (27/13)	
Gear oil capacity	0.220 L	
Propeller fitting	Spline	
Propeller rotation	Clockwise	
Shaft length	S, L	S, L, X
Engine transom height	S : 441 mm (17.4 in), L : 568 mm (22.4 in), X : 710 mm (30.3 in)	

FEATURE TABLE

CATEGORY	FEATURE ITEM	E9.9D	E15D
		MH	MH
Security	Start in gear protection	●	●
	Engine stop switch lanyard	●	●
	Over rev. limiter	—	—
	Overheat warning	—	—
Corrosion prevention	Stainless steel water pump housing	—	—
	Chrome plated water pump housing	●	●
	Stainless steel water tube	—	—
	Multiple anode	●	●
	Single large anode	—	—
Power unit	Carburetor	●	●
	Gasoline [Regular]	●	●
Control	Instruments (electric start model)	—	—
	Remote control (electric start model)	—	—
Convenience	Carrying handle	—	—
	360 deg. full pivot steering	—	—
	Shallow water drive	●	●

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	E9.9D	E15D
	MH	MH
Lighting coil	●	●
Portable fuel tank	●	●
Spark plug	●	●

PROPELLER	E9.9D	E15D
	MH	MH
Standard propeller	J	J
	J1	J1
• Traditional propeller	—	—
• Weedless propeller	—	—
• Dual thrust propeller	J	J

CONSUMES	E9.9D	E15D
	MH	MH
Yamalube 2, 2M	●	●
Yamalube gear oil (GL4)	●	●
Yamaha grease A	●	●
Yamaha grease D	●	●

— : N/A (Not available)

EK9.9D EK15D

ENDURO Kerosene



EK15D

MODEL CODE (Approved code)

EK9.9D 6B7 (6B7K)
EK15D 6B8 (6B8K)

MODELS AVAILABLE

Tiller Handle

EK9.9D MH
EK15D MH

Dry weight
40 kg

SPECIFICATIONS

Performance	EK9.9D	EK15D
Max. prop shaft output	7.3 kW (9.9 ps)	11.0 kW (15 ps)
Full throttle operating range	4500 – 5500 r/min	
Idling speed	1250 – 1350 r/min	
Fuel consumption	7.4 L/h @5500 r/min	

Engine	
Engine type	In-line 2
Displacement	246 cm ³
Bore × stroke	56.0 × 50.0 mm
Compression ratio	6.1 :1
Starting enrichment	Manual enrichment
Scavenging	Loop charge
Fuel induction system	1 carburetor
Lubrication system	Pre-mixed fuel and oil
Oil - fuel mixing ratio	30 :1
Engine oil capacity	—
Ignition system	CDI
Ignition timing	TDC – BTDC 24.0 deg.
Spark plug	B7HS-10
Alternator	80 W (optional)
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	4 positions
Shallow water drive	1 position
Steering angle	40 deg. each direction
Gear shift	F-N-R
Gear ratio	2.08 (27/13)
Gear oil capacity	0.220 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	L
Engine transom height	L : 568 mm (22.4 in)

2-STROKE

8-15 ps

FEATURE TABLE

CATEGORY	FEATURE ITEM	EK9.9D	EK15D
		MH	MH
Security	Start in gear protection	●	●
	Engine stop switch lanyard	●	●
	Over rev. limiter	—	—
	Overheat warning	—	—
Corrosion prevention	Stainless steel water pump housing	—	—
	Chrome plated water pump housing	●	●
	Stainless steel water tube	—	—
	Multiple anode	●	●
	Single large anode	—	—
Power unit	Carburetor	●	●
	Gasoline [Regular]	—	—
Control	Instruments (electric start model)	—	—
	Remote control (electric start model)	—	—
Convenience	Carrying handle	—	—
	360 deg. full pivot steering	—	—
	Shallow water drive	●	●

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	EK9.9D	EK15D
	MH	MH
Lighting coil	●	●
Portable fuel tank	●	●
Spark plug	●	●

PROPELLER	EK9.9D	EK15D
	MH	MH
Standard propeller	J	J
	J1	J1
• Traditional propeller	—	—
• Weedless propeller	—	—
• Dual thrust propeller	J	J

CONSUMES	EK9.9D	EK15D
	MH	MH
Yamalube 2, 2M	●	●
Yamalube gear oil (GL4)	●	●
Yamaha grease A	●	●
Yamaha grease D	●	●

— : N/A (Not available)

9.9F 15F



15F

MODEL CODE (Approved code)

9.9F	63V (682K)
15F	63W (684K)

Tiller Handle

9.9F	MH
15F	MH

Dry weight
36 – 38 kg

SPECIFICATIONS

Performance	9.9F	15F
Max. prop shaft output	7.3 kW (9.9 ps)	11.0 kW (15 ps)
Full throttle operating range	4500 – 5500 r/min	
Idling speed	700 – 800 r/min	
Fuel consumption	5.1 L/h @5500 r/min	7.3 L/h @5500 r/min

Engine

Engine type	In-line 2
Displacement	246 cm ³
Bore × stroke	56.0 × 50.0 mm
Compression ratio	6.8 :1
Starting enrichment	Manual choke
Scavenging	Loop charge
Fuel induction system	1 carburetor
Lubrication system	Pre-mixed fuel and oil
Oil - fuel mixing ratio	50 :1 (EUR, OCE 100 :1)
Engine oil capacity	—
Ignition system	CDI
Ignition timing	ATDC 5.0 – BTDC 30.0 deg.
Spark plug	B7HS-10
Alternator	80 W (EUR, RUS: 6 A)
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive

Trim	4 positions
Shallow water drive	2 positions
Steering angle	45 deg. each direction
Gear shift	F-N-R
Gear ratio	2.08 (27/13)
Gear oil capacity	0.250 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	S, L
Engine transom height	S : 440 mm (17.3 in), L : 567 mm (22.3 in)

FEATURE TABLE

CATEGORY	FEATURE ITEM	9.9F	15F
		MH	MH
Security	Start in gear protection	●	●
	Engine stop switch lanyard	●	●
	Over rev. limiter	—	—
	Overheat warning	—	—
Corrosion prevention	Stainless steel water pump housing	●	●
	Chrome plated water pump housing	●	●
	Stainless steel water tube	—	—
	Multiple anode	●	●
	Single large anode	—	—
Power unit	Carburetor	●	●
	Gasoline [Regular]	●	●
Control	Instruments (electric start model)	—	—
	Remote control (electric start model)	—	—
Convenience	Carrying handle	●	●
	360 deg. full pivot steering	—	—
	Shallow water drive	●	●

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	9.9F	15F
	MH	MH
Lighting coil	●	●
Portable fuel tank	●	●
Spark plug	●	●

PROPELLER	9.9F	15F
	MH	MH
Standard propeller	J	J
	J1	J1
• Traditional propeller	—	—
• Weedless propeller	—	—
• Dual thrust propeller	J	J

CONSUMES	9.9F	15F
	MH	MH
Yamalube 2, 2M	●	●
Yamalube gear oil (GL4)	●	●
Yamaha grease A	●	●
Yamaha grease D	●	●

— : N/A (Not available)

E25B

ENDURO Gasoline



E25B

MODEL CODE (Approved code)

E25B 69P (61RK)

MODELS AVAILABLE

Tiller Handle

E25B MH

Dry weight
53 – 55 kg

SPECIFICATIONS

Performance	E25B
Max. prop shaft output	18.4 kW (25 ps)
Full throttle operating range	4500 – 5500 r/min
Idling speed	1050 – 1150 r/min
Fuel consumption	11.0 L/h @5500 r/min

Engine	
Engine type	In-line 2
Displacement	496 cm ³
Bore × stroke	72.0 × 61.0 mm
Compression ratio	6.2 :1
Starting enrichment	Manual choke
Scavenging	Loop charge
Fuel induction system	1 carburetor
Lubrication system	Pre-mixed fuel and oil
Oil - fuel mixing ratio	50 :1
Engine oil capacity	—
Ignition system	CDI
Ignition timing	ATDC 2.0 – BTDC 22.0 deg.
Spark plug	B7HS-10
Alternator	80 W
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	5 positions
Shallow water drive	1 position
Steering angle	40 deg. each direction
Gear shift	F-N-R
Gear ratio	2.08 (27/13)
Gear oil capacity	0.320 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	S, L
Engine transom height	S : 423 mm (16.7 in), L : 550 mm (21.7 in)

FEATURE TABLE

CATEGORY	FEATURE ITEM	E25B
		MH
Security	Start in gear protection	●
	Engine stop switch lanyard	●
	Over rev. limiter	●
	Overheat warning	—
	Low oil level warning	—
Corrosion prevention	Stainless steel water pump housing	—
	Chrome plated water pump housing	●
	Stainless steel water tube	—
	Multiple anode	●
Power unit	Carburetor	●
	Gasoline [Regular]	●
Control	Instruments (electric start model)	—
	Remote control (electric start model)	—
Convenience	Shallow water drive	●

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	E25B
	MH
Lighting coil	●
Portable fuel tank	●
Spark plug	●
Steering guide attachment	—

REMOTE CONTROL BOX	E25B
	MH
703 / 704 remote control	—

INSTRUMENTS	E25B
	MH
6Y5 instruments	—
6Y7 instruments	—

PROPELLER	E25B
	MH
Standard propeller	F
• Traditional propeller	—
• Weedless propeller	F
• Dual thrust propeller	—

CONSUMES	E25B
	MH
Yamalube 2, 2M	●
Yamalube gear oil (GL4)	●
Yamaha grease A	●
Yamaha grease D	●

— : N/A (Not available)

EK25B

ENDURO Kerosene



EK25B

MODEL CODE (Approved code)

EK25B 69T (62CK)

MODELS AVAILABLE

Tiller Handle

EK25B MH

Dry weight
55 kg

SPECIFICATIONS

Performance	EK25B
Max. prop shaft output	18.4 kW (25 ps)
Full throttle operating range	4500 – 5500 r/min
Idling speed	1250 – 1350 r/min
Fuel consumption	13.8 L/h @5500 r/min

Engine	
Engine type	In-line 2
Displacement	496 cm ³
Bore × stroke	72.0 × 61.0 mm
Compression ratio	5.5 :1
Starting enrichment	Manual enrichment
Scavenging	Loop charge
Fuel induction system	1 carburetor
Lubrication system	Pre-mixed fuel and oil
Oil - fuel mixing ratio	30 :1
Engine oil capacity	—
Ignition system	CDI
Ignition timing	ATDC 2.0 – BTDC 22.0 deg.
Spark plug	B7HS-10
Alternator	80 W
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	5 positions
Shallow water drive	1 position
Steering angle	40 deg. each direction
Gear shift	F-N-R
Gear ratio	2.08 (27/13)
Gear oil capacity	0.320 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	L
Engine transom height	L : 550 mm (21.7 in)

2-STROKE

25-30 ps

FEATURE TABLE

CATEGORY	FEATURE ITEM	EK25B
		MH
Security	Start in gear protection	●
	Engine stop switch lanyard	●
	Over rev. limiter	●
	Overheat warning	—
	Low oil level warning	—
Corrosion prevention	Stainless steel water pump housing	—
	Chrome plated water pump housing	●
	Stainless steel water tube	—
	Multiple anode	●
Power unit	Carburetor	●
	Gasoline [Regular]	—
Control	Instruments (electric start model)	—
	Remote control (electric start model)	—
Convenience	Shallow water drive	●

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	EK25B
	MH
Lighting coil	●
Portable fuel tank	●
Spark plug	●
Steering guide attachment	—

REMOTE CONTROL BOX	EK25B
	MH
703 / 704 remote control	—

INSTRUMENTS	EK25B
	MH
6Y5 instruments	—
6Y7 instruments	—

PROPELLER	EK25B
	MH
Standard propeller	F
• Traditional propeller	—
• Weedless propeller	F
• Dual thrust propeller	—

CONSUMES	EK25B
	MH
Yamalube 2, 2M	●
Yamalube gear oil (GL4)	●
Yamaha grease A	●
Yamaha grease D	●

— : N/A (Not available)

25B 30H



30H

MODEL CODE (Approved code)

25B	69R (61RK)
30H	69S (61TK)

Tiller Handle

25B	MH
30H	MH, WH

Remote Control

25B	W
30H	W

Dry weight

25B	53 – 57 kg
30H	53 – 58 kg

SPECIFICATIONS

Performance	25B	30H
Max. prop shaft output	18.4 kW (25 ps)	22.1 kW (30 ps)
Full throttle operating range	4500 – 5500 r/min	
Idling speed	1050 – 1150 r/min	
Fuel consumption	11.0 L/h @5500 r/min	12.0 L/h @5500 r/min

Engine

Engine type	In-line 2	
Displacement	496 cm ³	
Bore × stroke	72.0 × 61.0 mm	
Compression ratio	6.2 :1	7.0 :1
Starting enrichment	Manual choke	
Scavenging	Loop charge	
Fuel induction system	1 carburetor	
Lubrication system	Pre-mixed fuel and oil	
Oil - fuel mixing ratio	50 :1 (OCE, ZAF, CRB 100 :1)	
Engine oil capacity	—	
Ignition system	CDI	
Ignition timing	ATDC 2.0 – BTDC 22.0 deg.	ATDC 2.0 – BTDC 25.0 deg.
Spark plug	B7HS-10	B8HS-10
Alternator	80 W (W: 6 A)	80 W (W, WH: 6 A)
Cooling system	Raw-water, thermostatically controlled	
Exhaust system	Through propeller boss	

Bracket / Drive

Trim	5 positions	
Shallow water drive	1 position	
Steering angle	40 deg. each direction	
Gear shift	F-N-R	
Gear ratio	2.08 (27/13)	
Gear oil capacity	0.320 L	
Propeller fitting	Spline	
Propeller rotation	Clockwise	
Shaft length	MH: S, L, X / W: L	MH: S, L / W, WH: L
Engine transom height	S : 423 mm (16.7 in), L : 550 mm (21.7 in), X : 636 mm (25.0 in)	

FEATURE TABLE

CATEGORY	FEATURE ITEM	25B	
		MH	W
Security	Start in gear protection	●	—
	Engine stop switch lanyard	●	—
	Over rev. limiter	●	●
	Overheat warning	—	●
	Low oil level warning	—	—
Corrosion prevention	Stainless steel water pump housing	●	●
	Chrome plated water pump housing	●	—
	Stainless steel water tube	—	—
	Multiple anode	●	●
Power unit	Carburetor	●	●
	Gasoline [Regular]	●	●
Control	Instruments (electric start model)	—	●
	Remote control (electric start model)	—	●
Convenience	Shallow water drive	●	●

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	25B	
	MH	W
Lighting coil	●	—
Portable fuel tank	●	●
Spark plug	●	●
Steering guide attachment	—	●

REMOTE CONTROL BOX	25B	
	MH	W
703 / 704 remote control	—	●

INSTRUMENTS	25B	
	MH	W
6Y5 instruments	—	—
6Y7 instruments	—	●

PROPELLER	25B	
	MH	W
Standard propeller	F	F
• Traditional propeller	—	—
• Weedless propeller	F	F
• Dual thrust propeller	—	—

CONSUMES	25B	
	MH	W
Yamalube 2, 2M	●	●
Yamalube gear oil (GL4)	●	●
Yamaha grease A	●	●
Yamaha grease D	●	●

— : N/A (Not available)

FEATURE TABLE

CATEGORY	FEATURE ITEM	30H		
		MH	WH	W
Security	Start in gear protection	●	●	—
	Engine stop switch lanyard	●	●	—
	Over rev. limiter	●	●	●
	Overheat warning	—	—	●
	Low oil level warning	—	—	—
Corrosion prevention	Stainless steel water pump housing	●	●	●
	Chrome plated water pump housing	●	●	●
	Stainless steel water tube	—	—	—
	Multiple anode	●	●	●
Power unit	Carburetor	●	●	●
	Gasoline [Regular]	●	●	●
Control	Instruments (electric start model)	—	—	●
	Remote control (electric start model)	—	—	●
Convenience	Shallow water drive	●	●	●*

* : Except Russia

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	30H		
	MH	WH	W
Lighting coil	●	—	—
Portable fuel tank	●	●	●
Spark plug	●	●	●
Steering guide attachment	—	—	●

REMOTE CONTROL BOX	30H		
	MH	WH	W
703 / 704 remote control	—	—	●

INSTRUMENTS	30H		
	MH	WH	W
6Y5 instruments	—	—	—
6Y7 instruments	—	—	●

PROPELLER	30H		
	MH	WH	W
Standard propeller	F	F	F
• Traditional propeller	—	—	—
• Weedless propeller	F	F	F
• Dual thrust propeller	—	—	—

CONSUMES	30H		
	MH	WH	W
Yamalube 2, 2M	●	●	●
Yamalube gear oil (GL4)	●	●	●
Yamaha grease A	●	●	●
Yamaha grease D	●	●	●

— : N/A (Not available)

E40G E40J

ENDURO Gasoline



E40J

MODEL CODE (Approved code)

E40G	6F6 (6F6K)
E40J	6J4 (6J4K)

MODELS AVAILABLE

Tiller Handle

E40G	MH, WH
E40J	MH, WH

Remote Control

E40J	W
------	---

Dry weight
65 – 71 kg

SPECIFICATIONS

Performance	E40G	E40J
Max. prop shaft output	29.4 kW (40 ps)	
Full throttle operating range	4500 – 5500 r/min	
Idling speed	1100 – 1200 r/min	
Fuel consumption	20.0 L/h @5500 r/min	

Engine		
Engine type	In-line 2	
Displacement	669 cm ³	
Bore × stroke	78.0 × 70.0 mm	
Compression ratio	6.3 :1	
Starting enrichment	Manual choke	
Scavenging	Loop charge	
Fuel induction system	1 dual throat carburetor	
Lubrication system	Pre-mixed fuel and oil	
Oil - fuel mixing ratio	50 :1	
Engine oil capacity	—	
Ignition system	CDI	
Ignition timing	BTDC 4.0 – BTDC 23.0 deg.	
Spark plug	B7HS	
Alternator	80 W (WH: 6 A)	80 W (W, WH: 6 A)
Cooling system	Raw-water, thermostatically controlled	
Exhaust system	Under water	Through propeller boss

Bracket / Drive		
Trim	5 positions	
Shallow water drive	—	
Steering angle	45 deg. each direction	
Gear shift	F-N-R	
Gear ratio	1.85 (24/13)	2.00 (26/13)
Gear oil capacity	0.315 L	
Propeller fitting	Drive pin	Spline
Propeller rotation	Clockwise	
Shaft length	MH: S, L WH: L	MH: S, L, Y W, WH: L
Engine transom height	S : 444 mm (17.5 in), L : 571 mm (22.5 in)	S : 421 mm (16.6 in), L : 548 mm (21.6 in), Y : 598 mm (23.5 in)

FEATURE TABLE

CATEGORY	FEATURE ITEM	E40G	
		MH	WH
Security	Start in gear protection	●	●
	Engine stop switch lanyard	●	●
	Over rev. limiter	●	●
	Overheat warning	●	●
	Low oil level warning	—	—
Corrosion prevention	Stainless steel water pump housing	—	—
	Chrome plated water pump housing	●	●
	Stainless steel water tube	—	—
	Multiple anode	●	●
Power unit	Carburetor	●	●
	Gasoline [Regular]	●	●
Control	Instruments (electric start model)	—	—
	Remote control (electric start model)	—	—
Convenience	Shallow water drive	—	—

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	E40G	
	MH	WH
Lighting coil	●	—
Portable fuel tank	●	●
Spark plug	●	●
Steering guide attachment	—	—

REMOTE CONTROL BOX	E40G	
	MH	WH
703 / 704 remote control	—	—

INSTRUMENTS	E40G	
	MH	WH
6Y5 instruments	—	—
6Y7 instruments	—	—

PROPELLER	E40G	
	MH	WH
Standard propeller	—	—
• Traditional propeller	H	H
• Weedless propeller	—	—
• Dual thrust propeller	—	—

CONSUMES	E40G	
	MH	WH
Yamalube 2, 2M	●	●
Yamalube gear oil (GL4)	●	●
Yamaha grease A	●	●
Yamaha grease D	●	●

— : N/A (Not available)

FEATURE TABLE

CATEGORY	FEATURE ITEM	E40J		
		MH	WH	W
Security	Start in gear protection	●	●	—
	Engine stop switch lanyard	●	●	—
	Over rev. limiter	●	●	●
	Overheat warning	●	●	●
	Low oil level warning	—	—	—
Corrosion prevention	Stainless steel water pump housing	—	—	—
	Chrome plated water pump housing	●	●	●
	Stainless steel water tube	—	—	—
	Multiple anode	●	●	●
Power unit	Carburetor	●	●	●
	Gasoline [Regular]	●	●	●
Control	Instruments (electric start model)	—	—	●
	Remote control (electric start model)	—	—	●
Convenience	Shallow water drive	—	—	—

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	E40J		
	MH	WH	W
Lighting coil	●	—	—
Portable fuel tank	●	●	●
Spark plug	●	●	●
Steering guide attachment	—	—	●

REMOTE CONTROL BOX	E40J		
	MH	WH	W
703 / 704 remote control	—	—	●

INSTRUMENTS	E40J		
	MH	WH	W
6Y5 instruments	—	—	—
6Y7 instruments	—	—	●

PROPELLER	E40J		
	MH	WH	W
Standard propeller	G	G	G
• Traditional propeller	—	—	—
• Weedless propeller	—	—	—
• Dual thrust propeller	—	—	—

CONSUMES	E40J		
	MH	WH	W
Yamalube 2, 2M	●	●	●
Yamalube gear oil (GL4)	●	●	●
Yamaha grease A	●	●	●
Yamaha grease D	●	●	●

— : N/A (Not available)

EK40G

ENDURO Kerosene



EK40G

MODEL CODE (Approved code)

EK40G 6F5 (6F5K)

Tiller Handle

EK40G MH

Dry weight
68 kg

SPECIFICATIONS

Performance	EK40G
Max. prop shaft output	29.4 kW (40 ps)
Full throttle operating range	4500 – 5500 r/min
Idling speed	1050 – 1150 r/min
Fuel consumption	19.5 L/h @5500 r/min

Engine	
Engine type	In-line 2
Displacement	669 cm ³
Bore × stroke	78.0 × 70.0 mm
Compression ratio	5.0 :1
Starting enrichment	Manual enrichment
Scavenging	Loop charge
Fuel induction system	1 dual throat carburetor
Lubrication system	Pre-mixed fuel and oil
Oil - fuel mixing ratio	30 :1
Engine oil capacity	—
Ignition system	CDI
Ignition timing	BTDC 9.0 – BTDC 23.0 deg.
Spark plug	B7HS
Alternator	80 W
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Under water

Bracket / Drive	
Trim	5 positions
Shallow water drive	—
Steering angle	45 deg. each direction
Gear shift	F-N-R
Gear ratio	1.85 (24/13)
Gear oil capacity	0.315 L
Propeller fitting	Drive pin
Propeller rotation	Clockwise
Shaft length	L
Engine transom height	L : 571 mm (22.5 in)

2-STROKE

40-55 ps

FEATURE TABLE

CATEGORY	FEATURE ITEM	EK40G
		MH
Security	Start in gear protection	●
	Engine stop switch lanyard	●
	Over rev. limiter	—
	Overheat warning	●
	Low oil level warning	—
Corrosion prevention	Stainless steel water pump housing	—
	Chrome plated water pump housing	●
	Stainless steel water tube	—
	Multiple anode	●
Power unit	Carburetor	●
	Gasoline [Regular]	—
Control	Instruments (electric start model)	—
	Remote control (electric start model)	—
Convenience	Shallow water drive	—

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	EK40G
	MH
Lighting coil	●
Portable fuel tank	●
Spark plug	●
Steering guide attachment	—

REMOTE CONTROL BOX	EK40G
	MH
703 / 704 remote control	—

INSTRUMENTS	EK40G
	MH
6Y5 instruments	—
6Y7 instruments	—

PROPELLER	EK40G
	MH
Standard propeller	—
• Traditional propeller	H
• Weedless propeller	—
• Dual thrust propeller	—

CONSUMES	EK40G
	MH
Yamalube 2, 2M	●
Yamalube gear oil (GL4)	●
Yamaha grease A	●
Yamaha grease D	●

— : N/A (Not available)

40X



40X

MODEL CODE (Approved code)

40X 6GK (66TK)

MODELS AVAILABLE

Tiller Handle

40X MH

Remote Control

40X W, WT

Dry weight
72 – 81 kg

SPECIFICATIONS

Performance	40X
Max. prop shaft output	29.4 kW (40 ps)
Full throttle operating range	4500 – 5500 r/min
Idling speed	950 – 1050 r/min
Fuel consumption	20.0 L/h @5500 r/min

Engine	
Engine type	In-line 2
Displacement	703 cm ³
Bore × stroke	80.0 × 70.0 mm
Compression ratio	6.0 :1
Starting enrichment	Manual choke
Scavenging	Loop charge
Fuel induction system	1 carburetor
Lubrication system	Pre-mixed fuel and oil
Oil - fuel mixing ratio	50 :1 (EUR, OCE, RUS, ZAF 100 :1)
Engine oil capacity	—
Ignition system	CDI
Ignition timing	ATDC 2.0 – BTDC 23.0 deg.
Spark plug	B7HS
Alternator	MH: 80 W (optional) W, WT: 6 A
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	7 positions
Shallow water drive	Manual: 2 positions WT: PTT: variable position
Steering angle	45 deg. each direction
Gear shift	F-N-R
Gear ratio	2.00 (26/13)
Gear oil capacity	0.430 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	MH, W: S, L / WT: L
Engine transom height	S: 424 mm (16.7 in), L: 550 mm (21.7 in)

FEATURE TABLE

CATEGORY	FEATURE ITEM	40X		
		MH	W	WT
Security	Start in gear protection	●	—	—
	Engine stop switch lanyard	●	—	—
	Over rev. limiter	●	●	●
	Overheat warning	●	●	●
	Low oil level warning	—	—	—
Corrosion prevention	Stainless steel water pump housing	●	●	●
	Chrome plated water pump housing	●	●	—
	Stainless steel water tube	—	—	—
	Multiple anode	●	●	●
Power unit	Carburetor	●	●	●
	Gasoline [Regular]	●	●	●
Control	Instruments (electric start model)	—	●	●
	Remote control (electric start model)	—	●	●
Convenience	Shallow water drive	●	●	●

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	40X		
	MH	W	WT
Lighting coil	●	—	—
Portable fuel tank	●	●	●
Spark plug	●	●	●
Steering guide attachment	—	●	●

REMOTE CONTROL BOX	40X		
	MH	W	WT
703 / 704 remote control	—	●	●

INSTRUMENTS	40X		
	MH	W	WT
6Y5 instruments	—	—	—
6Y7 instruments	—	●	●

PROPELLER	40X		
	MH	W	WT
Standard propeller	G	G	G
• Traditional propeller	—	—	—
• Weedless propeller	—	—	—
• Dual thrust propeller	—	—	—

CONSUMES	40X		
	MH	W	WT
Yamalube 2, 2M	●	●	●
Yamalube gear oil (GL4)	●	●	●
Yamaha grease A	●	●	●
Yamaha grease D	●	●	●

— : N/A (Not available)

E40X

ENDURO Gasoline



E40X

MODEL CODE (Approved code)

E40X 6GK (66TK)

MODELS AVAILABLE

Tiller Handle

E40X MH, WH

Remote Control

E40X W, WT*

* : CHN

Dry weight
72 – 81 kg

SPECIFICATIONS

Performance	E40X
Max. prop shaft output	29.4 kW (40 ps)
Full throttle operating range	4500 – 5500 r/min
Idling speed	950 – 1050 r/min
Fuel consumption	20.0 L/h @5500 r/min

Engine	
Engine type	In-line 2
Displacement	703 cm ³
Bore × stroke	80.0 × 70.0 mm
Compression ratio	6.0 :1
Starting enrichment	Manual choke
Scavenging	Loop charge
Fuel induction system	1 carburetor
Lubrication system	Pre-mixed fuel and oil
Oil - fuel mixing ratio	50 :1 (RUS 100 :1)
Engine oil capacity	—
Ignition system	CDI
Ignition timing	ATDC 2.0 – BTDC 23.0 deg.
Spark plug	B7HS
Alternator	80 W (optional) W, WH, WT: 6 A
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	7 positions
Shallow water drive	Manual: 2 positions WT: PTT: variable position
Steering angle	45 deg. each direction
Gear shift	F-N-R
Gear ratio	2.00 (26/13)
Gear oil capacity	0.430 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	MH: S, L, X / WH, WT: L / W: S, L
Engine transom height	S: 424 mm (16.7 in), L: 550 mm (21.7 in), X: 649 mm (25.6 in)

FEATURE TABLE

CATEGORY	FEATURE ITEM	E40X			
		MH	WH	W	WT
Security	Start in gear protection	●	●	—	—
	Engine stop switch lanyard	●	●	—	—
	Over rev. limiter	●	●	●	●
	Overheat warning	●	●	●	●
	Low oil level warning	—	—	—	—
Corrosion prevention	Stainless steel water pump housing	●	●	●	●
	Chrome plated water pump housing	●	●	●	—
	Stainless steel water tube	—	—	—	—
	Multiple anode	●	●	●	●
Power unit	Carburetor	●	●	●	●
	Gasoline [Regular]	●	●	●	●
Control	Instruments (electric start model)	—	—	●	●
	Remote control (electric start model)	—	—	●	●
Convenience	Shallow water drive	●	●	●	●

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	E40X			
	MH	WH	W	WT
Lighting coil	●	—	—	—
Portable fuel tank	●	●	●	●
Spark plug	●	●	●	●
Steering guide attachment	—	—	●	●

REMOTE CONTROL BOX	E40X			
	MH	WH	W	WT
703 / 704 remote control	—	—	●	●

INSTRUMENTS	E40X			
	MH	WH	W	WT
6Y5 instruments	—	—	—	—
6Y7 instruments	—	—	●	●

PROPELLER	E40X			
	MH	WH	W	WT
Standard propeller	G	G	G	G
• Traditional propeller	—	—	—	—
• Weedless propeller	—	—	—	—
• Dual thrust propeller	—	—	—	—

CONSUMES	E40X			
	MH	WH	W	WT
Yamalube 2, 2M	●	●	—	●
Yamalube gear oil (GL4)	●	●	●	●
Yamaha grease A	●	●	●	●
Yamaha grease D	●	●	●	●

— : N/A (Not available)

40V 50H



MODEL CODE (Approved code)

40V	63B, 63C*, 63D (6H4K)
50H	63G, 6LD (6H5K)

MODELS AVAILABLE

Tiller Handle

40V	MHO*, M HD,
50H	MHO

Remote Control

40V	EO*, ETO
50H	ETO

* : EU

Dry weight

40V	75 – 88 kg
50H	75 – 88 kg

SPECIFICATIONS

Performance	40V	50H
Max. prop shaft output	29.4 kW (40 ps)	36.8 kW (50 ps)
Full throttle operating range	4500 – 5500 r/min	
Idling speed	750 – 850 r/min	
Fuel consumption	18.5 L/h @5500 r/min	22.0 L/h @5500 r/min

Engine	
Engine type	In-line 3
Displacement	698 cm ³
Bore × stroke	67.0 × 66.0 mm
Compression ratio	6.0 :1
Starting enrichment	MHO, MHD: Manual choke MHO, Manual choke EO, ETO: Prime start ETO: Prime start
Scavenging	Loop charge
Fuel induction system	3 carburetors
Lubrication system	MHD: Pre-mixed fuel and oil Oil injection MHO, EO, ETO: Oil injection
Oil - fuel mixing ratio	MHD: 50 :1
Engine oil capacity	MHO, EO, ETO: 1.5 L 1.5 L
Ignition system	CDI
Ignition timing	ATDC 7.0 – BTDC 25.0 deg.
Spark plug	B7HS-10 B8HS-10
Alternator	6 A (except MHD) ETO: 6 A
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	5 positions
Shallow water drive	ETO: PTT: variable position MHD: Hydro: variable position
Steering angle	40 deg. each direction
Gear shift	F-N-R
Gear ratio	1.85 (24/13)
Gear oil capacity	0.430 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	MHD, ETO: L MHO: S MHO, EO: S, L ETO: L
Engine transom height	S : 406 mm (16.0 in), L : 533 mm (21.0 in)

FEATURE TABLE

CATEGORY	FEATURE ITEM	40V	
		MHO	MHD
Security	Start in gear protection	●	●
	Engine stop switch lanyard	●	●
	Over rev. limiter	●	●
	Overheat warning	●	●
	Low oil level warning	●	—
Corrosion prevention	Stainless steel water pump housing	●	●
	Chrome plated water pump housing	—	—
	Stainless steel water tube	—	—
	Multiple anode	●	●
Power unit	Carburetor	●	●
	Primestart	—	—
Control	Gasoline [Regular]	●	●
	Instruments (electric start model)	—	—
	Remote control (electric start model)	—	—
Convenience	Shallow water drive	—	●

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	40V	
	MHO	MHD
Portable fuel tank	●	●
Spark plug	●	●
Steering guide attachment	—	—

REMOTE CONTROL BOX	40V	
	MHO	MHD
703 / 704 remote control	—	—

INSTRUMENTS	40V	
	MHO	MHD
6Y5 instruments	—	—
6Y7 instruments	—	—

PROPELLER	40V	
	MHO	MHD
Standard propeller	G	G
"Pro" propeller	—	—

CONSUMES	40V	
	MHO	MHD
Yamalube 2, 2M	●	●
Yamalube gear oil (GL4)	●	●
Yamaha grease A	●	●
Yamaha grease D	●	●

— : N/A (Not available)

FEATURE TABLE

CATEGORY	FEATURE ITEM	40V		50H	
		EO	ETO	MHO	ETO
Security	Start in gear protection	—	—	●	—
	Engine stop switch lanyard	—	—	●	—
	Over rev. limiter	●	●	●	●
	Overheat warning	●	●	●	●
	Low oil level warning	●	●	●	●
Corrosion prevention	Stainless steel water pump housing	●	●	●	●
	Chrome plated water pump housing	—	—	—	—
	Stainless steel water tube	—	—	—	—
	Multiple anode	●	●	●	●
Power unit	Carburetor	●	●	●	●
	Primestart	●	●	—	●
	Gasoline [Regular]	●	●	●	●
Control	Instruments (electric start model)	●	●	—	●
	Remote control (electric start model)	●	●	—	●
Convenience	Shallow water drive	●	●	—	●

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	40V		50H	
	EO	ETO	MHO	ETO
Portable fuel tank	●	●	●	●
Spark plug	●	●	●	●
Steering guide attachment	●	●	—	●

REMOTE CONTROL BOX	40V		50H	
	EO	ETO	MHO	ETO
703 / 704 remote control	●	●	—	●

INSTRUMENTS	40V		50H	
	EO	ETO	MHO	ETO
6Y5 instruments	●	●	—	●
6Y7 instruments	—	—	—	—

PROPELLER	40V		50H	
	EO	ETO	MHO	ETO
Standard propeller	G	G	G	G
"Pro" propeller	—	—	—	—

CONSUMES	40V		50H	
	EO	ETO	MHO	ETO
Yamalube 2, 2M	●	●	●	●
Yamalube gear oil (GL4)	●	●	●	●
Yamaha grease A	●	●	●	●
Yamaha grease D	●	●	●	●

— : N/A (Not available)

E60H

ENDURO Gasoline



E60H

MODEL CODE (Approved code)

E60H 69D (6K5K)

MODELS AVAILABLE

Tiller Handle

E60H MHD, WHD

Remote Control

E60H WD

Dry weight
96 – 105 kg

SPECIFICATIONS

Performance	E60H
Max. prop shaft output	44.1 kW (60 ps)
Full throttle operating range	4500 – 5500 r/min
Idling speed	950 – 1050 r/min
Fuel consumption	25.5 L/h @5500 r/min

Engine	
Engine type	In-line 3
Displacement	849 cm ³
Bore × stroke	72.0 × 69.5 mm
Compression ratio	6.1 :1
Starting enrichment	Manual choke
Scavenging	Loop charge
Fuel induction system	3 carburetors
Lubrication system	Pre-mixed fuel and oil
Oil - fuel mixing ratio	50 :1
Engine oil capacity	—
Ignition system	CDI
Ignition timing	ATDC 2.0 – BTDC 19.0 deg.
Spark plug	B8HS-10
Alternator	MHD: 80 W WD, WHD: 6 A
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	5 positions
Shallow water drive	Hydro: variable position
Steering angle	35 deg. each direction
Gear shift	F-N-R
Gear ratio	2.33 (28/12)
Gear oil capacity	0.610 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	MHD: S, L, X / WHD, WD: L
Engine transom height	S: 450 mm (17.7 in), L: 571 mm (22.5 in), X: 648 mm (25.5 in)

FEATURE TABLE

CATEGORY	FEATURE ITEM	E60H		
		MHD	WHD	WD
Security	Start in gear protection	●	●	—
	Engine stop switch lanyard	●	●	—
	Over rev. limiter	●	●	●
	Overheat warning	●	●	●
	Low oil level warning	—	—	—
Corrosion prevention	Stainless steel water pump housing	—	—	—
	Chrome plated water pump housing	●	●	●
	Stainless steel water tube	—	—	—
	Multiple anode	●	●	●
Power unit	Carburetor	●	●	●
	Primestart	—	—	—
	Gasoline [Regular]	●	●	●
Control	Instruments (electric start model)	—	—	●
	Remote control (electric start model)	—	—	●
Convenience	Shallow water drive	●	●	●

— : N/A (Not available)

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	E60H		
	MHD	WHD	WD
Portable fuel tank	●	●	●
Spark plug	●	●	●
Steering guide attachment	—	—	●

REMOTE CONTROL BOX	E60H		
	MHD	WHD	WD
703 / 704 remote control	—	—	●

INSTRUMENTS	E60H		
	MHD	WHD	WD
6Y5 instruments	—	—	—
6Y7 instruments	—	—	●

PROPELLER	E60H		
	MHD	WHD	WD
Standard propeller	K	K	K
TALON propeller	K	K	K
TALON SS propeller	K	K	K
TALON SS4 propeller	K	K	K
TALON PONTON propeller	K	K	K
TALON GP propeller	K	K	K
"Pro" propeller	—	—	—

CONSUMES	E60H		
	MHD	WHD	WD
Yamalube 2, 2M	●	●	●
Yamalube gear oil (GL4)	●	●	●
Yamaha grease A	●	●	●
Yamaha grease D	●	●	●

60F 70B

MODEL CODE (Approved code)

60F	6CU (6H2K)
70B	6H3 (6H3K)

MODELS AVAILABLE

Remote Control

60F	ET,ET O
70B	ETO



Dry weight
106 – 108 kg

SPECIFICATIONS

Performance	60F	70B
Max. prop shaft output	44.1 kW (60 ps)	51.5 kW (70 ps)
Full throttle operating range	4500 – 5500 r/min	5000 – 6000 r/min
Idling speed	750 – 850 r/min	
Fuel consumption	23.0 L/h @5500 r/min	26.0 L/h @5500 r/min

Engine	
Engine type	In-line 3
Displacement	849 cm ³
Bore × stroke	72.0 × 69.5 mm
Compression ratio	6.1 :1
Starting enrichment	Prime start
Scavenging	Loop charge
Fuel induction system	3 carburetors
Lubrication system	ET: Pre-mixed fuel and oil, ETO: Oil injection
Oil - fuel mixing ratio	ET: 50 :1 —
Engine oil capacity	ETO: 2.8 L 2.8 L
Ignition system	CDI
Ignition timing	ATDC 7.0 – BTDC 22.0 deg. ATDC 7.0 – BTDC 20.0 deg.
Spark plug	B8HS-10
Alternator	6 A
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	— (continuously variable)
Shallow water drive	PTT: variable position
Steering angle	35 deg. each direction
Gear shift	F-N-R
Gear ratio	2.33 (28/12)
Gear oil capacity	0.610 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	L
Engine transom height	L : 521 mm (20.5 in)

FEATURE TABLE

CATEGORY	FEATURE ITEM	60F		70B
		ET	ETO	ETO
Security	Start in gear protection	—	—	—
	Engine stop switch lanyard	—	—	—
	Over rev. limiter	●	●	●
	Overheat warning	●	●	●
	Low oil level warning	—	●	●
Corrosion prevention	Stainless steel water pump housing	●	●	●
	Chrome plated water pump housing	—	—	—
	Stainless steel water tube	—	—	—
	Multiple anode	●	●	●
Power unit	Carburetor	●	●	●
	Primestart	●	●	●
	Gasoline [Regular]	●	●	●
Control	Instruments (electric start model)	●	●	●
	Remote control (electric start model)	●	●	●
Convenience	Shallow water drive	●	●	●

— : N/A (Not available)

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	60F		70B
	ET	ETO	ETO
Portable fuel tank	●	●	●
Spark plug	●	●	●
Steering guide attachment	●	●	●

REMOTE CONTROL BOX	60F		70B
	ET	ETO	ETO
703 / 704 remote control	●	●	●

INSTRUMENTS	60F		70B
	ET	ETO	ETO
6Y5 instruments	—	●	●
6Y7 instruments	●	—	—

PROPELLER	60F		70B
	ET	ETO	ETO
Standard propeller	K	K	K
TALON propeller	K	K	K
TALON SS propeller	K	K	K
TALON SS4 propeller	K	K	K
TALON PONTOON propeller	K	K	K
TALON GP propeller	K	K	K
"Pro" propeller	K	K	K

CONSUMES	60F		70B
	ET	ETO	ETO
Yamalube 2, 2M	●	●	●
Yamalube gear oil (GL4)	●	●	●
Yamaha grease A	●	●	●
Yamaha grease D	●	●	●

E75B

ENDURO Gasoline



E75B

MODEL CODE (Approved code)

E75B 6GJ (6GJK)

MODELS AVAILABLE

Tiller Handle

E75B MHD, EHD

Remote Control

E75B ED

Dry weight

E75B 112 – 121 kg

SPECIFICATIONS

Performance	E75B
Max. prop shaft output	55.2 kW (75 ps)
Full throttle operating range	4500 – 5500 r/min
Idling speed	750 – 850 r/min
Fuel consumption	34.0 L/h @5500 r/min

Engine	
Engine type	In-line 3
Displacement	1140 cm ³
Bore × stroke	82.0 × 72.0 mm
Compression ratio	4.5 :1
Starting enrichment	Manual choke
Scavenging	Loop charge
Fuel induction system	3 carburetors
Lubrication system	Pre-mixed fuel and oil
Oil - fuel mixing ratio	50 :1
Engine oil capacity	—
Ignition system	CDI
Ignition timing	ATDC 2.0 – BTDC 22.0 deg.
Spark plug	B8HS-10
Alternator	10 A
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	5 positions
Shallow water drive	Hydro: —
Steering angle	30 deg. each direction
Gear shift	F-N-R
Gear ratio	2.00 (26/13)
Gear oil capacity	0.610 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	L, Y, X
Engine transom height	L: 516 mm (20.3 in) / MHD: L: 521 mm (20.5 in), Y: 572 mm (22.5 in), X: 643 mm (25.3 in) / MHD: X: 648 mm (25.5 in)

FEATURE TABLE

CATEGORY	FEATURE ITEM	E75B		
		MHD	EHD	ED
Security	Start in gear protection	●	●	—
	Engine stop switch lanyard	●	●	—
	Over rev. limiter	●	●	●
	Overheat warning	●	●	●
	Low oil level warning	—	—	—
Corrosion prevention	Stainless steel water pump housing	—	—	—
	Chrome plated water pump housing	●	●	●
	Stainless steel water tube	—	—	—
	Multiple anode	●	●	●
Power unit	Carburetor	●	●	●
	Primestart	—	—	—
Control	Gasoline [Regular]	●	●	●
	Instruments (electric start model)	—	●	●
	Remote control (electric start model)	—	—	●
Convenience	Shallow water drive	—	—	—

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	E75B		
	MHD	EHD	ED
Portable fuel tank	●	●	●
Spark plug	●	●	●
Steering guide attachment	—	—	●

REMOTE CONTROL BOX	E75B		
	MHD	EHD	ED
703 / 704 remote control	—	—	●

INSTRUMENTS	E75B		
	MHD	EHD	ED
6Y5 instruments	—	—	—
6Y7 instruments	—	—	●

PROPELLER	E75B		
	MHD	EHD	ED
Standard propeller	K	K	K
TALON propeller	K	K	K
TALON SS propeller	K	K	K
TALON SS4 propeller	K	K	K
TALON PONTON propeller	K	K	K
TALON GP propeller	K	K	K
"Pro" propeller	—	—	—

CONSUMES	E75B		
	MHD	EHD	ED
Yamalube 2, 2M	●	●	●
Yamalube gear oil (GL4)	●	●	●
Yamaha grease A	●	●	●
Yamaha grease D	●	●	●

— : N/A (Not available)

85A



85A

MODEL CODE (Approved code)

85A 688 (688K)

MODELS AVAILABLE

Tiller Handle

85A EHD

Remote Control

85A ET, ED

SPECIFICATIONS

Performance	85A
Max. prop shaft output	62.5 kW (85 ps)
Full throttle operating range	4500 – 5500 r/min
Idling speed	750 – 850 r/min
Fuel consumption	35.0 L/h @5500 r/min

Engine	
Engine type	In-line 3
Displacement	1140 cm ³
Bore × stroke	82.0 × 72.0 mm
Compression ratio	5.1 :1
Starting enrichment	Manual choke
Scavenging	Loop charge
Fuel induction system	3 carburetors
Lubrication system	Pre-mixed fuel and oil
Oil - fuel mixing ratio	50 :1
Engine oil capacity	—
Ignition system	CDI
Ignition timing	BTDC 2.0 – BTDC 24.0 deg.
Spark plug	B8HS-10
Alternator	10 A
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	Manual: 5 positions, PTT: — (continuously variable)
Shallow water drive	ET: PTT: variable position EHD, ED: Hydro: —
Steering angle	30 deg. each direction
Gear shift	F-N-R
Gear ratio	2.00 (26/13)
Gear oil capacity	0.610 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	ET, ED: L, X / EHD: L, Y
Engine transom height	L: 521 mm (20.5 in), Y: 572 mm (22.5 in), X: 647 mm (25.5 in)

Dry weight

111 – 124 kg

2-STROKE

60-85 ps

FEATURE TABLE

CATEGORY	FEATURE ITEM	85A		
		EHD	ET	ED
Security	Start in gear protection	●	—	—
	Engine stop switch lanyard	●	—	—
	Over rev. limiter	●	●	●
	Overheat warning	●	●	●
	Low oil level warning	—	—	—
Corrosion prevention	Stainless steel water pump housing	●	●	●
	Chrome plated water pump housing	—	—	—
	Stainless steel water tube	—	—	—
	Multiple anode	●	●	●
Power unit	Carburetor	●	●	●
	Primestart	—	—	—
	Gasoline [Regular]	●	●	●
Control	Instruments (electric start model)	—	●	●
	Remote control (electric start model)	—	●	●
Convenience	Shallow water drive	—	●	—

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	85A		
	EHD	ET	ED
Portable fuel tank	●	●	●
Spark plug	●	●	●
Steering guide attachment	—	●	●

REMOTE CONTROL BOX	85A		
	EHD	ET	ED
703 / 704 remote control	—	●	●

INSTRUMENTS	85A		
	EHD	ET	ED
6Y5 instruments	—	—	—
6Y7 instruments	—	●	●

PROPELLER	85A		
	EHD	ET	ED
Standard propeller	K	K	K
TALON propeller	K	K	K
TALON SS propeller	K	K	K
TALON SS4 propeller	K	K	K
TALON PONTON propeller	K	K	K
TALON GP propeller	K	K	K
"Pro" propeller	—	—	—

CONSUMES	85A		
	EHD	ET	ED
Yamalube 2, 2M	●	●	●
Yamalube gear oil (GL4)	●	●	●
Yamaha grease A	●	●	●
Yamaha grease D	●	●	●

— : N/A (Not available)

150A L150A 200A L200A



200A

MODEL CODE

(Approved code)

150A	6G4 (6G4)
L150A	6K0 (6K0)
200A	60H (6G6)
L200A	60J (6K1)

MODELS AVAILABLE

Remote Control

150A	ET
L150A	ET
200A	ET
L200A	ET

Dry weight

150A	178 – 184 kg
L150A	186 kg
200A	178 – 184 kg
L200A	186 kg

SPECIFICATIONS

Performance	150A	L150A	200A	L200A
Max. prop shaft output	110.3 kW (150 ps)		147.1 kW (200 ps)	
Full throttle operating range	4500 – 5500 r/min			
Idling speed	675 – 725 r/min			
Fuel consumption	72.0 L/h @5500 r/min		81.0 L/h @5500 r/min	

Engine

Engine type	90 deg. V6		
Displacement	2596 cm ³		
Bore × stroke	90.0 × 68.0 mm		
Compression ratio	6.2 :1	5.9 :1	
Starting enrichment	Manual choke		
Scavenging	Loop charge		
Fuel induction system	3 dual throat carburetors		
Lubrication system	Pre-mixed fuel and oil		
Oil - fuel mixing ratio	50 :1		
Engine oil capacity	—		
Ignition system	CDI		
Ignition timing	ATDC 7.0 – BTDC 19.0 deg.	ATDC 7.0 – BTDC 18.0 deg.	
Spark plug	B8HS-10 / BR8HS-10 (CHN)		
Alternator	14 A		
Cooling system	Raw-water, thermostatically controlled		
Exhaust system	Through propeller boss		

Bracket / Drive

Trim	— (continuously variable)			
Shallow water drive	PTT: variable position			
Steering angle	35 deg. each direction			
Gear shift	F-N-R			
Gear ratio	1.86 (26/14)			
Gear oil capacity	0.980 L	0.870 L	0.980 L	0.870 L
Propeller fitting	Spline			
Propeller rotation	Clockwise	Counter clockwise	Clockwise	Counter clockwise
Shaft length	L, X	X	L, X	X
Engine transom height	L: 516 mm (20.3 in), X: 642 mm (25.3 in)			

FEATURE TABLE

CATEGORY	FEATURE ITEM	150A	L150A	200A	L200A
		ET	ET	ET	ET
Security	Start in gear protection	—	—	—	—
	Engine stop switch lanyard	—	—	—	—
	Over rev. limiter	●	●	●	●
	Overheat warning	●	●	●	●
	Low oil level warning	—	—	—	—
Corrosion prevention	Stainless steel water pump housing	—	—	—	—
	Chrome plated water pump housing	●	●	●	●
	Stainless steel water tube	—	—	—	—
	Multiple anode	●	●	●	●
Power unit	Carburetor	●	●	●	●
	Direct injection (HPDI)	—	—	—	—
	Primestart	—	—	—	—
Control	Gasoline [Regular]	●	●	●	●
	Instruments (electric start model)	●	●	●	●
Convenience	Remote control (electric start model)	●	●	●	●
	Shallow water drive	●	●	●	●

— : N/A (Not available)

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	150A	L150A	200A	L200A
	ET	ET	ET	ET
Portable fuel tank	●	●	●	●
Spark plug	●	●	●	●
Steering guide attachment	●	●	●	●
Tie bar	●	●	●	●

REMOTE CONTROL BOX	150A	L150A	200A	L200A
	ET	ET	ET	ET
703 / 704 remote control	●	●	●	●

INSTRUMENTS	150A	L150A	200A	L200A
	ET	ET	ET	ET
6Y5 instruments	—	—	—	—
6Y7 instruments	●	●	●	●

PROPELLER	150A	L150A	200A	L200A
	ET	ET	ET	ET
Standard propeller	M	ML	M	ML
	M2	ML1	M2	ML1
"Reliance SDS" propeller	M	ML	M	ML
"Performance 3 SDS" propeller	M	ML	M	ML
"Saltwater" propeller	M	ML	M	ML
"Saltwater II SDS" propeller	T	TL	T	TL
"SALTWATER II HP SDS" propeller	T	TL	T	TL
"Saltwater HS4 SDS" propeller	T	TL	T	TL
"Pro" propeller	—	—	—	—

CONSUMES	150A	L150A	200A	L200A
	ET	ET	ET	ET
Yamalube 2, 2M	●	●	●	●
Yamalube gear oil (GL4)	●	●	●	●
Yamaha grease A	●	●	●	●
Yamaha grease D	●	●	●	●

COMPETITIVE SPECIFICATION

MERCURY

MERCURY

PS		
3.3	3.3	L1 74.6cm³
4	4	L1 102cm³
5	5	
6	6	L2 169cm³
8	8	
9.9	9.9 Super	L2 247cm³
15	15 Super	L2 294cm³
25	25	L2 430cm³
30	30	
40	40	L3 644cm³
50	50	L3 967cm³
60	60	
250	250	V6 3032cm³

Exhaust Emission
 ★★ : Carb 2004 2-star
 ★★★ : Carb 2008 3-star

Model	3.3	4	5	6
Max. prop shaft output	2.5 kW (3.3 ps)	3 kW (4 ps)	3.7 kW (5 ps)	4.5 kW (6 ps)
Full throttle operating range	4,500 – 5,500 r/min	4,500 – 5,500 r/min	4,000 – 5,000 r/min	4,500 – 5,500 r/min
Engine type	1-cylinder	1-cylinder	1-cylinder	In-line 2
Displacement	74.6 cm³	102 cm³	102 cm³	169 cm³
Bore × stroke	47 × 43 mm	55 × 43 mm	55 × 43 mm	50 × 43 mm
Starting system	Manual	Manual	Manual	Manual
Fuel induction system	Carburetor	Carburetor	Carburetor	Carburetor
Lubrication system	—	—	—	—
Ignition system	—	—	—	—
Alternator	—	—	—	—
Cooling system	—	—	—	—
Exhaust system	—	—	—	—
Gear shift	—	—	—	—
Gear ratio	2.15:1	2.15:1	2.15:1	2.08:1
Trim & tilt	Manual	Manual	Manual	Manual
Engine transom height	381 mm (15 inch)	381 mm (15 inch)	381, 508 mm (15, 20 inch)	381, 508 mm (15, 20 inch)
Dry weight	13 kg~	20 kg~	20 kg~	26 kg~

COMPETITIVE

2-STROKE

Model	8	9.9 LW	9.9 Super	15 Super
Max.prop shaft output	6 kW (8 ps)	7.2 kW (9.9 ps)	7.4 kW (9.9 ps)	11.4 kW (15 ps)
Full throttle operating range	4,500 – 5,500 r/min	5,000 – 6,000 r/min	4,500 – 5,300 r/min	5,200 – 5,800 r/min
Engine type	In-line 2	In-line 2	In-line 2	In-line 2
Displacement	169 cm³	169 cm³	247 cm³	294 cm³
Bore × stroke	50 × 43 mm	50 × 43 mm	55 × 52 mm	60 × 52 mm
Starting system	Manual	Electric & manual	Manual	Manual
Fuel induction system	Carburetor	Carburetor	Carburetor	Carburetor
Lubrication system	—	Pre-Mix	Pre-Mix	—
Ignition system	—	CDI w/electronic spark advance	—	—
Alternator	—	7 A/80 W	—	—
Cooling system	—	Water-cooled with thermostat	—	—
Exhaust system	—	Through prop	Through prop	—
Gear shift	—	F-N-R	F-N-R	—
Gear ratio	2.08:1	2.08:1	1.84:1	1.85:1
Trim & tilt	Manual	Manual	Manual	Manual
Engine transom height	381, 508 mm (15, 20 inch)	381, 508 mm (15, 20 inch)	381, 508 mm (15, 20 inch)	381, 508 mm (15, 20 inch)
Dry weight	26 kg~	26 kg~	41 kg~	41 kg~

Model	25	30	40	40 Super
Max.prop shaft output	18.4 kW (25 ps)	22.5 kW (30 ps)	29.8 kW (40 ps)	29.8 kW (40 ps)
Full throttle operating range	5,000 – 6,000 r/min	4,750 – 5,500 r/min	5,000 – 5,700 r/min	5,000 – 5,700 r/min
Engine type	In-line 2	In-line 2	In-line 2	In-line 3
Displacement	430 cm³	430 cm³	644 cm³	697 cm³
Bore × stroke	68 × 59 mm	68 × 59 mm	76 × 71 mm	65 × 64 mm
Starting system	Electric & manual	Electric & manual	Electric	Electric & manual
Fuel induction system	Carburetor	Carburetor	Carburetor	—
Lubrication system	—	—	—	—
Ignition system	—	—	—	—
Alternator	—	—	18 A/226 W	—
Cooling system	—	—	—	—
Exhaust system	—	—	—	—
Gear shift	—	—	—	—
Gear ratio	1.92:1	1.92:1	2.00:1	1.85:1
Trim & tilt	Manual	Manual	PT	PT
Engine transom height	381, 508 mm (15, 20 inch)	381, 508 mm (15, 20 inch)	508 mm (20 inch)	381, 508 mm (15, 20 inch)
Dry weight	51 kg~	51 kg~	78 kg~	72 kg

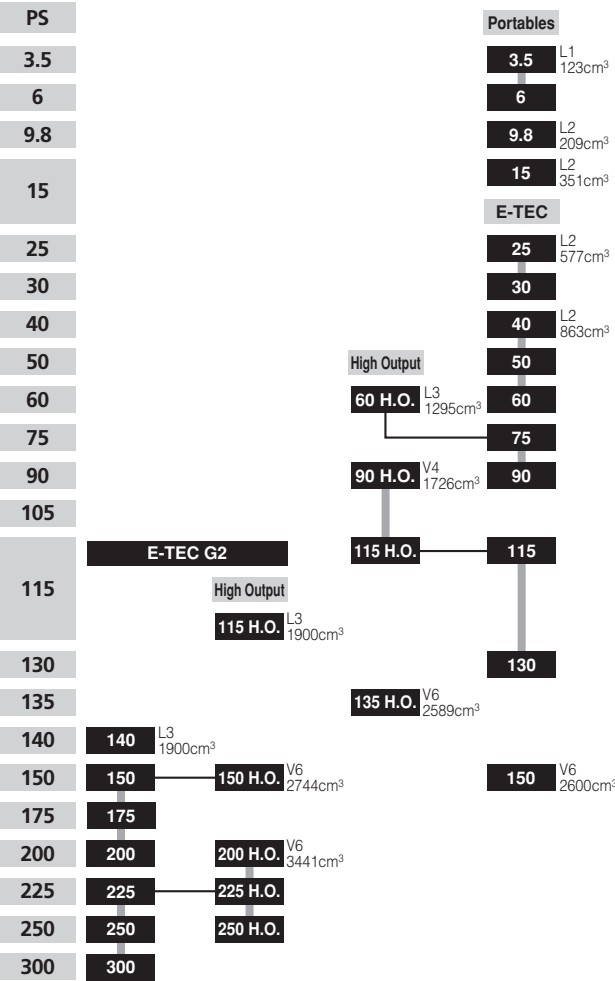
Model	50 (697 cm³)	50 (967 cm³)	60	250
Max. prop shaft output	37.3 kW (50 ps)	37.3 kW (50 ps)	44.8 kW (60 ps)	186 kW (250 ps)
Full throttle operating range	5,150 – 5,850 r/min	5,000 – 5,500 r/min	5,000 – 5,500 r/min	5,000 – 5,800 r/min
Engine type	In-line 3	In-line 3	In-line 3	V6
Displacement	697 cm³	967 cm³	967 cm³	3,032 cm³
Bore × stroke	68 × 64 mm	76 × 71 mm	76 × 71 mm	92 × 76 mm
Starting system	Manual	Electric	Electric	Electric
Fuel induction system	Carburetor	Carburetor	Carburetor	Electronic fuel injection
Lubrication system	—	—	—	—
Ignition system	CDI	—	—	—
Alternator	—	—	—	60 A/756 W
Cooling system	—	—	—	—
Exhaust system	—	—	—	—
Gear shift	—	—	—	—
Gear ratio	1.85:1	1.83:1	1.64:1	1.75:1
Trim & tilt	Manual	PT	PT	PT
Engine transom height	508 mm (20 inch)	508 mm (20 inch)	508 mm (20 inch)	762 mm (30 inch)
Dry weight	72 kg	93 kg~	99.5 kg~	239 kg~

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COMPETITIVE SPECIFICATION

Evinrude

Evinrude



E-TEC High Output

Model	60H.O.	90 H.O.	115H.O.	135 H.O.
Max. prop shaft output	44 kW (60 ps)	66 kW (90 ps)	84.6 kW (115 ps)	99 kW (135 ps)
Full throttle operating range	5,000 – 5,500 r/min	5,500 – 6,000 r/min	5,500 – 6,000 r/min	5,400 – 6,000 r/min
Engine type	In-line 3, E-TEC D.I.	V4 60° E-TEC D.I.	V4 60° E-TEC D.I.	V6 60° E-TEC D.I.
Displacement	1,295 cm³	1,726 cm³	1,726 cm³	2,589 cm³
Bore × stroke	92 × 66 mm	92 × 66 mm	92 × 66 mm	92 × 66 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	E-TEC Direct Injection	E-TEC Direct Injection	E-TEC Direct Injection	E-TEC Direct Injection
Alternator	81 A	133 A	133 A	133 A
Gear ratio	2.36:1	2.00:1 (20 inch), 2.25:1 (25 inch)	2.00:1 (20 inch)	1.86:1 (20 inch), 1.85:1 (25 inch)
Trim & tilt	PTT	PTT	PTT	PTT
Engine transom height	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)
Dry weight	145 kg	177 kg	177 kg	190 – 196 kg

E-TEC

Model	30, 25	60, 50, 40	90, 75	115
Max.prop shaft output	22 kW (30 ps), 18 kW (25 ps)	44 kW (60 ps), 36 kW (50 ps), 29 kW (40 ps)	66 kW (90 ps), 55 kW (75 ps)	84.6 kW (115 ps)
Full throttle operating range	5,500 – 6,000 r/min	5,500 – 6,000 r/min	5,000 – 5,500 r/min	5,500 – 6,000 r/min
Engine type	In-line 2, E-TEC D.I.	In-line 2, E-TEC D.I.	In-line 3, E-TEC D.I.	V4 60° E-TEC D.I.
Displacement	575 cm ³	864 cm ³	1,295 cm ³	1,726 cm ³
Bore × stroke	76 × 64 mm	92 × 66 mm	92 × 66 mm	92 × 66 mm
Starting system	Electric or rope	Electric (60, 50), Electric or rope (40)	Electric	Electric
Fuel induction system	E-TEC Direct Injection	E-TEC Direct Injection	E-TEC Direct Injection	E-TEC Direct Injection
Alternator	56 A	81 A	81 A	133 A
Gear ratio	2.15:1	2.90:1	2.00:1 (20")	2.00:1 (20") 2.25:1 (25")
Trim & tilt	PTT or Manual	PTT (60, 50) PTT or Manual (40)	PTT	PTT
Engine transom height	381, 508 mm (15, 20 inch)	508 mm (20 inch)	508, 635 mm (20, 25 inch) (90), 508 mm (20 inch) (75)	508, 635 mm (20, 25 inch)
Dry weight	68 – 85 kg	109 – 113 kg (60, 50), 105 – 113 kg (40)	145 – 152 kg	177 – 184 kg

E-TEC

Model	130	150
Max.prop shaft output	95.6 kW (130 ps)	110 kW (150 ps)
Full throttle operating range	5,500 – 6,000 r/min	5,400 – 6,000 r/min
Engine type	V4 60° E-TEC D.I.	V6 60° E-TEC D.I.
Displacement	1,726 cm ³	2,600 cm ³
Bore × stroke	91 × 66 mm	92 × 66 mm
Starting system	—	Electric
Fuel induction system	E-TEC Direct Injection	E-TEC Direct Injection
Alternator	133 A	133 A
Gear ratio	—	—
Trim & tilt	Mechanical	Mechanical
Engine transom height	—	508, 635 mm (20, 25 inch)
Dry weight	177 – 184 kg	190 – 196 kg

E-TEC G2 High Output

Model	115H. O.	150H. O.	200H. O.	225H. O.
Max. prop shaft output	84.6 kw (115 ps)	110 kW (150 ps)	146 kW (115 ps)	165 kW (225 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,400 – 6,000 r/min	5,400 – 6,000 r/min
Engine type	Inline 3 E-TEC D.I.	V6 66° E-TEC D.I.	V6 74° E-TEC D.I.	V6 74° E-TEC D.I.
Displacement	1,900 cm³	2,744 cm³	3,441 cm³	3,441 cm³
Bore × stroke	98 × 82.6 mm	86 × 78.7 mm	98 × 76 mm	98 × 76 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	E-TEC Direct Injection	E-TEC Direct Injection	E-TEC Direct Injection	E-TEC Direct Injection
Alternator	14 A / 22 W	133 A	133 A	133 A
Gear ratio	2.08:1	2.17:1	1.85:1	1.85:1
Trim & tilt	PTT	PTT	PTT	PTT
Engine transom height	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25inch)	508, 635, 762 mm (20, 25, 30inch)	508, 635, 762 mm (20, 25, 30inch)
Dry weight	177 – 193 kg	225 – 245 kg	248 – 253 kg	248 – 253 kg

E-TEC G2 High Output

Model	250H. O.	
Max. prop shaft output	183 kW (250 ps)	
Full throttle operating range	5,400 – 6,000 r/min	
Engine type	V6 74° E-TEC D.I.	
Displacement	3,441 cm³	
Bore × stroke	98 × 76 mm	
Starting system	Electric	
Fuel induction system	E-TEC Direct Injection	
Alternator	133 A	
Gear ratio	1.85:1	
Trim & tilt	PTT	
Engine transom height	508, 635, 762 mm (20, 25, 30inch)	
Dry weight	248 – 253 kg	

COMPETITIVE SPECIFICATION

E-TEC G2

Model	140	150	175	200
Max. prop shaft output	102.9 kw (140 ps)	110 kW (150 ps)	128.7 kw (175 ps)	146 kW (200 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,000 – 6,000 r/min
Engine type	Inline 3 E-TEC D.I.	V6 74° E-TEC D.I.	V6 66°E-TEC D.I.	V6 66° E-TEC D.I.
Displacement	1,900 cm³	2,744 cm³	2,744 cm³	2,744 cm³
Bore × stroke	98 × 82.6 mm	98 × 82.6 mm	86 × 78.7 mm	86 × 78.7 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	E-TEC Direct Injection	E-TEC Direct Injection	E-TEC Direct Injection	E-TEC Direct Injection
Alternator	14 A / 22 W	14A / 22W	133 A	133 A
Gear ratio	2.08:1	2.08:1	2.17:1	2.17:1
Trim & tilt	PTT	PTT	PTT	PTT
Engine transom height	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)
Dry weight	177 – 193 kg	180 – 196 kg	233 – 245 kg	230 – 245 kg

E-TEC G2

Model	225	250	300
Max. prop shaft output	165 kW (225 ps)	183 kW (250 ps)	220 kW (300 ps)
Full throttle operating range	5,400 – 6,000 r/min	5,400 – 6,000 r/min	5,400 – 6,000 r/min
Engine type	V6 74° E-TEC D.I.	V6 74° E-TEC D.I.	V6 74° E-TEC D.I.
Displacement	3,441 cm³	3,441 cm³	3,441 cm³
Bore × stroke	98 × 76 mm	98 × 76 mm	98 × 76 mm
Starting system	Electric	Electric	Electric
Fuel induction system	E-TEC Direct Injection	E-TEC Direct Injection	E-TEC Direct Injection
Alternator	133 A	133 A	133 A
Gear ratio	1.85:1	1.85:1	1.85:1
Trim & tilt	PTT	PTT	PTT
Engine transom height	508, 635, 762 mm (20, 25, 30 inch)	508, 635, 762 mm (20, 25, 30 inch)	508, 635, 762 mm (20, 25, 30 inch)
Dry weight	244 kg	253 – 259 kg	248 – 263 kg

Model	3.5	6	9.8	15
Max. prop shaft output	2.5 kW (3.5 ps)	4.4 kW (6 ps)	7.18 kW (9.8 ps)	11 kW (15 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,000 – 6,000 r/min
Engine type	1-cylinder	1-cylinder	2-cylinder	2-cylinder
Displacement	87 cm³	123 cm³	210 cm³	351 cm³
Bore × stroke	55 × 36 mm	59 × 45 mm	55 × 44 mm	61 × 60 mm
Starting system	Manual	Manual	Electric or Manual	Electric or Manual
Fuel induction system	Carburetor	Carburetor	Carburetor	Carburetor
Alternator	Option: 5 A	Only on Electric models: 5A, 6A, 12A	Only on Electric models: 5A, 6A, 12A	Only on Electric models: 5A, 6A, 12A
Gear ratio	2.15:1	2.15:1	2.08:1	2.15:1
Trim & tilt	Manual	Manual	PT or Manual	Manual
Engine transom height	381 mm (15 inch)	381, 508 mm (15, 20 inch)	381, 508 mm (15, 20 inch)	381, 508 mm (15, 20 inch)
Dry weight	18.4 kg	25 – 26 kg	37 – 47 kg	52 kg

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COMPETITIVE SPECIFICATION

TOHATSU

TOHATSU

Exhaust Emission

★★ : Carb 2004 2-star

★★★ : Carb 2008 3-star

PS		
2.5	M2.5	L1 74.6cm ³
	M3.5	
3.5	M3.5B	
4	M4	L1 102cm ³
5	M5	
6	M6	L2 169cm ³
8	M8	
9.8	M9.8	
9.9	M9.9	L2 247cm ³
		Ever Run
15	M15	MX15 L2 294cm ³
18	M18	L2 294cm ³
		MX18
25	M25	L2 429cm ³
		MX25
30	M30	
		MX30
40	M40	L3 697cm ³
		MX40
50	M50	
		MX50

Model	M2.5	M3.5	M3.5B	M4 (ONLY AUST.)
Max. prop shaft output	1.8 kW (2.5 ps)	2.6 kW (3.5 ps)	2.6 kW (3.5 ps)	2.9 kW (4 ps)
Full throttle operating range	3,800-5,200 r/min	4,200 – 5,300 r/min	4,200-5,300 r/min	4,500 – 5,500 r/min
Engine type	1-Cylinder	1-Cylinder	1-Cylinder	1-Cylinder
Displacement	74.6 cm ³	74.6 cm ³	74.6 cm ³	102 cm ³
Bore × stroke	47 × 43 mm	55 × 43 mm	55 × 43 mm	55 × 43 mm
Starting system	Manual	Manual	Manual	Manual
Fuel induction system	—	—	—	—
Alternator	—	—	—	—
Gear ratio	1.85:1	1.85:1	2.15:1	2.15:1
Trim & tilt	Tiller Handle	Tiller Handle	Tiller Handle	Tiller Handle
Engine transom height	15, 20 inch	15, 20 inch	15, 20 inch	15, 20 inch
Dry weight	12.5 kg	12.5 – 13 kg	13 kg	20 kg

Model	M5 (ONLY AUST.)	M6	M8	M9.8
Max. prop shaft output	3.7 kW (5 ps)	4.4 kW (6 ps)	5.9 kW (8 ps)	7.2 kW (9.8 ps)
Full throttle operating range	4,500 – 5,500 r/min	4,500–5,500 r/min	4,500–5,500 r/min	5,000 – 6,000 r/min
Engine type	1-Cylinder	In-line 2	In-line 2	In-line 2
Displacement	102 cm³	169 cm³	169 cm³	169 cm³
Bore × stroke	55 × 43 mm	50 × 43 mm	50 × 43 mm	50 × 43 mm
Starting system	Manual	Manual	Manual	Electric & Manual or Manual
Fuel induction system	—	—	—	—
Alternator	—	—	—	7A
Gear ratio	2.15:1	2.08:1	2.08:1	2.08:1
Trim & tilt	Tiller Handle	Tiller Handle	Tiller Handle	Tiller Handle or Remote Control
Engine transom height	15, 20 inch (15 inch AUST ONLY)	15, 20 inch	15, 20 inch	15, 20, 25 inch
Dry weight	20 kg	26 kg	26 kg	26 kg

Model	M9.9	M15	M18	M25
Max. prop shaft output	7.3 kW (9.9 ps)	11 kW (15 ps)	13.2 kW (18 ps)	18.4 kW (25 ps)
Full throttle operating range	4,500 – 5,300 r/min	5,200 – 5,800 r/min	5,200 – 5,800 r/min	5,000 – 6,000 r/min
Engine type	In-line 2	In-line 2	In-line 2	In-line 2
Displacement	247 cm³	247 cm³	294 cm³	429 cm³
Bore × stroke	55 × 52 mm	55 × 52 mm	60 × 52 mm	68 × 59 mm
Starting system	Manual	Manual	Electric & Manual or Manual	Electric & Manual or Manual
Fuel induction system	—	—	—	—
Alternator	—	7A	7A	7A
Gear ratio	1.85:1	1.85:1	1.85:1	1.92:1
Trim & tilt	Tiller Handle	Tiller Handle	Tiller Handle or Remote Control	Tiller Handle or Remote Control
Engine transom height	15, 20 inch	15, 20 inch	15, 20 inch	15, 20 inch
Dry weight	41 kg	41 kg	41 kg	51 kg

Ever Run

Model	M30	M40	M50
Max. prop shaft output	22.1 kW (30 ps)	29.4 kW (40 ps)	36.8 kW (50 ps)
Full throttle operating range	5,150 – 5,850 r/min	5,000 – 5,700 r/min	5,150 – 5,850 r/min
Engine type	In-line 2	In-line 3	In-line 3
Displacement	429 cm ³	697 cm ³	697 cm ³
Bore × stroke	68 × 59 mm	68 × 64 mm	68 × 64 mm
Starting system	Electric & Manual or Manual	Electric & Manual or Manual	Electric & Manual or Manual
Fuel induction system	—	—	—
Alternator	7A	11A	11A
Gear ratio	1.92:1	1.85:1	1.85:1
Trim & tilt	Tiller Handle or Remote Control	Remote Control or Tiller Handle	Remote Control or Tiller Handle
Engine transom height	15, 20 inch	15, 20, 25.5 inch	15, 20 inch
Dry weight	51 kg	72 kg	72 kg

Ever Run

Model	MX15	MX18	MX25	MX30
Max. prop shaft output	11 kW (15 ps)	13.2 kW (18 ps)	18.4 kW (25 ps)	22.1 kW (30 ps)
Full throttle operating range	4,500-5,500 r/min	5,200-5,800 r/min	5,000-6,000 r/min	5,150 – 5,850 r/min
Engine type	In-line 2	In-line 2	In-line 2	In-line 2
Displacement	294 cm ³	294 cm ³	429 cm ³	429 cm ³
Bore × stroke	60 × 52 mm	60 × 52 mm	68 × 59 mm	68 × 59 mm
Starting system	Manual	Manual	Manual	Manual
Fuel induction system	—	—	—	—
Alternator	—	—	—	—
Gear ratio	1.85:1	1.85:1	1.92:1	1.92:1
Trim & tilt	Tiller Handle	Tiller Handle	Tiller Handle	Tiller Handle
Engine transom height	15, 20 inch	15, 20, 25 inch	15, 20, 25 inch	15, 20, 25 inch
Dry weight	41 kg	41 kg	51 kg	51 kg

NOTES

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OPTIONAL ACCESSORIES



PRODUCT INFORMATION GUIDE 2021

ACCESSORIES

OPTIONAL ACCESSORIES

■ YAMAHA REMOTE CONTROL BOXES

Mechanical Remote Control Box

- **703 Side mount remote control**

All in one control box.

Variations available for choke switch, PTT switch, connector type and throttle cable movement.



- **704 Top mount remote control (Single)**

Variation available for the control lever right side or left side.



- **704 Top mount remote control (Twin)**

Twin tilt control and individual trim control switches provided.



- **6X3 Flush side mount remote control**

Mechanism is located behind the wall.

Configured a new exclusive specification that takes into consideration how the center console boat is attached.



Digital Electronic Control (DEC)

A newly designed remote control for Helm Master EX. The ECM is now separated from the control box, allowing for more flexibility during installation. The 2nd station DEC requires no ECM(s). This provides more space for consoles.

- **6X9 Top mount DEC (Single)**



- **6X9 Top mount DEC (Twin and up)**



- **6X9 Flush side mount DEC**



OPTIONAL ACCESSORIES

Remote Control Box Function

NOTE

Refer to “RIGGING GUIDE” to catch up detailed information and find your optimum remote control box with essential accessories.

Type	703	704	6X3
Main (key) switch	(●)	—	—
Engine stop lanyard	●	—	(●)
Free acceleration	●	●	●
Start in gear protection	(●)	●	●
Choke switch	(●)	—	—
Power trim and tilt switch	(●)	(●)	●
Warning buzzer	(●)	—	—

(●): Available on variation

Type	6X9	
	Flush side mount	Top mount
Engine stop lanyard	●	—
Speed Control	●	●
Pattern Shift	●	●
Station select	●	●
Center Engine	—	●
Neutral Hold	●	●
Dimmerable lights	●	●
Throttle Friction Adjustment	●	●
Shift Detent Adjustment	—	●
Neutral Interlock	●	—
Built-in YDIS connection port	●	●
Updateable ECM	●	●

GAUGE

Analog Conventional Meter

● 6Y7 Tachometer



〈APPLICATION〉

4-stroke: 8 ps and over / 2-stroke: 9.9 ps and over

● 6Y7 Speedometer



〈APPLICATION〉

4-stroke: 30 ps and over / 2-stroke: 40 (L3) ps and over

● 6Y7 Trim meter



〈APPLICATION〉

All PTT models with trim sender

● 6Y7 Water pressure meter



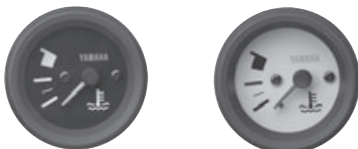
〈APPLICATION〉

4-stroke: 25 ps and over / 2-stroke: 40 (L3) ps and over

OPTIONAL ACCESSORIES

Analog Conventional Meter

● 6Y7 Water temperature meter



〈APPLICATION〉

4-stroke: 25 ps and over / 2-stroke: 40 (L3) ps and over

● 6Y7 Voltage meter



〈APPLICATION〉

All electric start models

● 6Y7 Fuel meter



〈APPLICATION〉

All electric start models

● 6Y7 Hour meter

Digital display method



〈APPLICATION〉

All electric start models

Digital display method

● 6Y5 Tachometer



- Tacho (rpm)
- Trim position
- Oil pressure
- Overheat warning
- Hour: total/trip
- Water detector*
- Check engine warning*
- * Depend on model

〈APPLICATION〉

4-stroke: 25 ps and over / 2-stroke: 40 (L3) ps and over

● 6Y5 Speedometer



- Speed
- Fuel quantity (with fuel warning)
- Trip (distance)
- Clock
- Low battery voltage warning

〈APPLICATION〉

4-stroke: 25 ps and over / 2-stroke: 40 (L3) ps and over

● 6Y5 Fuel management meter



- Twin engine speed synchronizer
- Fuel flow
- Fuel consumption
- Fuel economy
- Water separator warning

〈APPLICATION〉

115 ps and over

OPTIONAL ACCESSORIES

Digital Network Gauge

● 6Y8 Tachometer



- Tacho (rpm)
- Trim
- Hour: total/trip
- Cooling water: temperature/pressure
- Oil: quantity/pressure
- Battery voltage
- Warning
- Immobilizer indication

〈APPLICATION〉

4-stroke: 20 ps and over Fuel Injection models

● 6Y8 Speedometer and fuel combination meter



- Speed
- Fuel level (2 tanks)

Total:

- Consumed fuel
- Fuel economy
- Fuel consumption
- Remaining fuel

〈APPLICATION〉

4-stroke: 30 ps and over Fuel Injection models

■ DISPLAY

Display

● CL5 Display



〈APPLICATION〉

4-stroke: 30 ps and over
Fuel Injection models

● CL7 Display



〈APPLICATION〉

4-stroke: 30 ps and over
Fuel Injection models

MFD Interface

● MFD Interface type-1



〈APPLICATION〉

4-stroke: 30 ps and over
Fuel Injection models

● MFD Interface type-2



Remote
controller

OPTIONAL ACCESSORIES

■ SWITCH PANEL

One-Button Control Switch Panel

● Start/ stop switch panel



Twin engines



Triple engines



All engines

● Main key switch panel



Single engine



Twin/ Triple engines

● Other switch panel

For 2nd station helm



Start/ Stop
(For single engine)



Emergency



Station selector

〈APPLICATION〉

F(L)150G, F(L)175C, F(L)200G,
F(L)225F, F(L)225J, F(L)250D,
F(L)250P, F(L)250N, F(L)300B,
F(L)300D, F(L)300F, F(L)300G,
F(L)375A, F(L)425A

Electronic Key Switch (EKS)

● Power switch/ Start and stop switch



Single/ all engine



Twin engine

● Individual start and stop switch



Twin engine



Triple engine



Quad engine

● Start and stop switch

For 2nd station helm



● Emergency stop switch



● Key fob



〈APPLICATION〉

F(L)150G, F(L)175C, F(L)200G,
F(L)225F, F(L)225J, F(L)250D,
F(L)250P, F(L)250N, F(L)300B,
F(L)300D, F(L)300F, F(L)300G,
F(L)375A, F(L)425A

OPTIONAL ACCESSORIES

■ HELM MASTER EX™

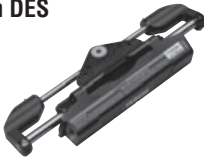
Helm Master™ EX is Yamaha's new integrated boat control platform. It consists of four primary levels - Digital Electronic Control (DEC), Digital Electric Steering (DES), Autopilot and Joystick with SetPoint™ with each level offering a suite of benefit to boat builders, dealers and consumers. Made with Yamaha reliability as a system.

Feature Table

Function	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4
Component Package	Digital Electronic Control (DEC)	Digital Electric Steering (DES)	Autopilot	Joystick Full Maneuverability
Variable Troll RPM Switch (VTS)	●	●	●	●
Single Lever	●	●	●	●
Speed Control	●	●	●	●
Pattern Shift	●	●	●	●
Trim Assist	●	●	●	●
Center Engine	●	●	●	●
Neutral Hold	●	●	●	●
Electronic Key Switch (EKS) with Y-COP™	●	●	●	●
CL7 Display	●	●	●	●
CL5 Display	●	●	●	●
MFD Interfaces	●	●	●	●
Adjustable Lock to Lock	—	●	●	●
Adjustable Steering Friction	—	●	●	●
Heading Hold	—	—	●	●
Course Hold	—	—	●	●
Pattern Steer	—	—	●	●
Track Point	—	—	●	●
Autopilot with Joystick Adjustability	—	—	—	●
Joystick Maneuverability (incl. Single Engine)	—	—	—	●
SetPoint™ Suite Features (incl. Single Engine)	—	—	—	●
Track Point with SetPoint™ Final Stop	—	—	—	●

Digital Electric Steering (DES)

● Bolt-on DES



● Helm and tilt unit



6GR Helm unit assy



6GR Tilt unit assy



6X9 Helm unit assy

Autopilot

● Autopilot panel



● GPS unit



● Heading sensor



● BCU



Joystick

● Joystick controller



● LED assy (Prop light)



■ 6ES JOYSTICK CONTROL SYSTEM

Keyless entry system.

One remote control box controls throttle/shift control, trim/tilt control for all engines.

Automatic trim control available.

Joystick controls any direction and docking.

● Electric key switch panel



All engine



Twin engine



Triple and quad engine



Radio
frequency
key

- Joystick controller



● DBW remote control box



● Steering cylinder



● GPS unit



● LED assy (Prop light)



OPTIONAL ACCESSORIES

■ YAMAHA PROPELLERS

● Standard series

General-purpose propeller.

Balanced design on performance, acceleration top speed and loading.

Black painted stainless steel, polished stainless steel or white (black) painted aluminum finishing.

Right and left hand rotation available.



● Traditional propeller

Traditional simple design as no exhaust port on the hub.

White painted aluminum finishing or resin colored plastic.

Right hand rotation only.



● Weedless propeller

Special blade design minimized to build-up weeds around the hub.

Black painted stainless steel or white painted aluminum finishing.

Right hand rotation only.



● Dualthrust propeller

Produce same thrust for both ahead and astern.

Large diameter with low pitch for displacement boat.

White painted aluminum finishing or resin colored plastic.

Right hand rotation only.



● TALON SS series

Higher pitch variation on Talon SS SDS (Shift Dampener System) propeller for 50 – 130 PS range.

Rattle free and low ventilation provides comfortable cruising.

Wide pitch selection for various outboards and boats in range.



● TALON SS4 series

Adopts the same SDS damper structure as Talon SS and the wing shape of the GYT PERFORMANCE 4 series.

Rattle free and low vibration provides comfortable cruising.



● TALON PONTOON series

Rattle free and low vibration provides comfortable cruising.

Pitch selection for various outboards and pontoon boats in range.



● TALON GP series

Aimed to improve rattle sound, and cavitation resistance during trim up.



OPTIONAL ACCESSORIES

■ YAMAHA PROPELLERS

● TALON series

Shift Dampener System (SDS) greatly reduce shift shock and prop rattle. New blade design controls ventilation and provides smooth acceleration. White painted aluminium finishing. Right hand rotation only.



● RELIANCE series

All-around performance as upper class of Conventional propeller. Polished stainless steel finishing. Shift Dampener System (SDS) incorporated. Right and left hand rotation available.



● Performance 3 SDS series

Performance 3 SDS is the excellent general-purpose propellers. Coming with Yamaha's exclusive Shift Dampener System (SDS) making shifting into gear much quieter and smoother.



● SALTWATER / SALTWATER II series

High rake and cupping for offshore fishing use. Shift Dampener System (SDS)*1 incorporated. Polished stainless steel finishing. Right and left hand rotation available.

*1: Except 6R4 / 6R1



● Saltwater II HP Series

Saltwater Series™ II HP is the ideal choice for those who make higher top speed the number-one priority. It is designed for V6-powered lightweight freshwater or inshore boats.



● SALTWATER HS4 series

4 blades grip water provides high thrust, excellent acceleration, quick planing. Shift Dampener System (SDS) incorporated. Polished stainless steel finishing. Right and left hand rotation available.



● SALTWATER XL series SALTWATER XL4 series

Designed for V8 5.3L 4 stroke outboards such as F(L)350A .

Shift Dampener System (SDS) incorporated.

Polished stainless steel finishing.

Right and left hand rotation available.



OPTIONAL ACCESSORIES

● XTO OS series

Specifically and exclusively designed only for the Yamaha's XTO F375/425 outboards.

The XTO OS literally generates extreme thrust output thanks to specially-designed blades and a massive blade surface area, providing excellent acceleration, cruising and top speed characteristics along with reduced ventilation.



● **V MAX series**

High-speed application with light weight boat
on limited condition.

Polished stainless steel finishing.

Right hand rotation only.



● Pro series

For single outboard mounted on high speed light weight boat.

Polished stainless steel finishing.

Right hand rotation only.



NOTE

- Refer to “RIGGING GUIDE” to catch up detailed information and find your optimum propeller.
- Please note that best propeller is vary among the model of outboard motor, boat, rigging, water condition and usage.
- Depending on the model, a specific propeller pitch may not be available.

NOTES

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OPTIONAL ACCESSORIES

Standard series <4-stroke models>

Regular propeller 3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
F2.5B	BS	AL	W	7 1/4	5	6L5-45949-00
	BS	AL	W	7 1/4	5 1/2	6L5-45952-00
	BS	AL	W	7 1/4	6	6L5-45943-00
	BS	AL	W	7 1/4	7 1/4	6L5-45945-00
	BS	AL	W	7 1/4	8 1/4	6L5-45947-00
F4B	BA	AL	W	7 1/2	7	6E0-45943-01
F5A	BA	AL	W	7 1/2	8	6E0-45941-01
F6C	BA	AL	W	7 1/2	9	6E0-45954-00
F8F	N	AL	W	8 1/2	6 1/2	6G1-45947-00
F9.9J	N	AL	W	8 1/2	7 1/2	6G1-45943-00
	N	AL	W	8 1/2	8	6G1-45952-00
	N	AL	W	8 1/2	8 1/2	6G1-45941-00
	N	AL	W	8 1/2	9 1/4	6G1-45954-00
F9.9H	J	AL	W	9 1/2	6 1/2	683-45949-00
F15C	J	AL	W	9 1/4	10 1/2	683-45943-00
	J	AL	W	9 1/4	12	683-45941-00
F9.9H	J	AL	W	9 1/4	8	63V-45947-00
F15C						
F9.9H	J1	AL	W	9 1/4	9	63V-45945-10
F15C	J1	AL	W	9 1/4	10	63V-45952-10
F20B	J1	AL	W	9 1/4	11	63V-45943-10
F20C	J1	AL	W	9 1/4	12	63V-45941-10
F20G	F	AL	W	9 7/8	8	664-45943-01
F25D F25G	F	AL	W	9 7/8	9	664-45941-01
	F	AL	W	9 7/8	10	62C-45941-00
	F	AL	W	9 7/8	10 1/2	664-45945-00
	F	AL	W	9 7/8	11 1/4	664-45947-01
	F	AL	W	9 7/8	12	664-45954-01
	F	AL	W	9 7/8	13	664-45949-02
	F	AL	W	9 7/8	14	664-45952-00

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
F30B	G	AL	W	12 1/4	8	63D-45941-00
F40F	G	AL	W	12 1/4	9	663-45956-01
F50D	G	AL	W	11 3/4	10	663-45954-01
F40H	G	AL	W	10 5/8	12	6H5-45952-00
F40J F50H	G	AL	W	11 3/8	12	663-45952-02
	G	AL	W	10 3/8	13	6H5-45945-00
	G	AL	W	10 1/4	14	6H5-45958-00
	G	AL	W	11 1/4	14	663-45958-01
	G	AL	W	10	15	6H5-45943-00
	G	AL	W	10 3/4	16	663-45949-01
	G	AL	W	10 3/4	17	663-45941-01
F30B	G	AL	W	11 5/8	11	69W-45947-00
F40F	G	AL	W	11 3/8	12	69W-45952-00
F50D	G	AL	W	11 1/8	13	69W-45945-00
F40H	G	AL	W	11 1/4	14	69W-45958-00
F40J	G	AL	W	11	15	69W-45943-00
F50H						
F60F						
F30B	G	SS	B	12	11	663-45972-60
F40F	G	SS	B	11 3/4	12	663-45970-60
F50D	G	SS	B	11 1/2	13	663-45974-60
F40H	G	SS	B	10 1/4	14	663-45930-00
F40J	G	SS	B	11 1/4	14	697-45970-00
F50H F60F	G	SS	B	10 1/4	15	663-45976-00
	G	SS	B	10 1/4	16	663-45978-00

Material: AL [Aluminum], SS [Stainless Steel], PL [Plastic]
Finishing: W [White painted], B [Black painted], P [Polished]
SDS: Shift Dampener System

OPTIONAL ACCESSORIES

Standard series <4-stroke models>

Regular propeller

3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
FT50C	K	AL	W	14	11	6E5-45954-00
FT50J	K	AL	W	13 5/8	13	6E5-45949-00
FT60G	K	AL	W	13 5/8	14	6E5-45958-00
F70A	K	AL	W	13 1/2	15	6E5-45947-00
F75D	K	AL	W	13 1/4	17	6E5-45945-01
F75F	K	AL	W	13	19	6E5-45941-00
F80D	K	AL	W	12 5/8	21	6E5-45943-00
F90C	K	AL	W	13	23	6E5-45952-00
F90D	K	AL	W	13	25	6E5-45956-00
F100B						
F100F						
F100G						
F115B						
F115C						
F130A						
FT50C	K	SS	B	13 1/2	14	688-45932-60
FT50J	K	SS	B	13 1/2	16	688-45978-60
FT60G	K2	SS	B	13	17	688-45930-02
F70A	K	SS	B	13	19	688-45970-03
F75D	K	SS	B	13	21	688-45972-02
F75F	K	SS	B	13	23	688-45974-02
F80D	K	SS	B	13	25	688-45976-01
F90C						
F90D						
F100B						
F100F						
F100G						
F115B						
F115C						
F130A						
FL115B	KL	SS	B	13	17	6L6-45930-01
	KL	SS	B	13	19	6L6-45970-00
	KL	SS	B	13	21	6L6-45972-00

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
F150D	M	AL	B	15 1/4	15	6G5-45941-00
F150F	M	AL	B	14 5/8	16	6G5-45952-00
F150G	M	AL	B	14 1/2	17	6G5-45947-01
F150C	M	AL	B	14	19	6G5-45945-01
F175A	M	AL	B	13 3/4	21	6G5-45943-01
F175C	M	AL	B	13 1/2	23	6G5-45949-00
F200B						
F200C						
F200F						
F200G						
FL150D	ML	AL	B	14 1/2	17	6K1-45947-00
FL150F	ML	AL	B	14	19	6K1-45945-00
FL150G						
FL175C						
FL200B						
FL200C						
FL200F						
FL200G						
F150D	M	SS	B	15 3/4	13	6G5-45932-00
F150F	M	SS	B	15 1/4	15	6G5-45970-02
F200B						
F200C						
F225B						
F150D	M2	SS	B	13 3/4	17	6G5-45978-03
F150F	M2	SS	B	13 3/4	19	6G5-45974-03
F150G	M	SS	B	13 3/4	21	6G5-45972-02
F150C	M	SS	B	13 3/8	23	6G5-45976-01
F175A	M	SS	B	13 3/8	25	6G5-45930-00
F175C						
F200B						
F200C						
F200F						
F200G						
F225B						

F150C: X transom only

Material: AL [Aluminum], SS [Stainless Steel], PL [Plastic]
Finishing: W [White painted], B [Black painted], P [Polished]
SDS: Shift Dampener System

OPTIONAL ACCESSORIES

Standard series <4-stroke models>

Regular propeller

3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
FL150D	ML	SS	B	15 1/4	15	6K1-45970-01
FL150F						
FL200B						
FL200C						
FL225B						
FL150D	ML1	SS	B	13 3/4	17	6K1-45978-02
FL150F	ML1	SS	B	13 3/4	19	6K1-45974-02
FL150G	ML	SS	B	13 3/4	21	6K1-45972-01
FL175C	ML	SS	B	13 3/8	23	6K1-45976-00
FL200B						
FL200C						
FL200F						
FL200G						
FL225B						
F200B	T	SS	B	15	17	61A-45978-00
F200C	T	SS	B	14 1/2	19	61A-45974-00
F225B	T	SS	B	14 1/2	21	61A-45972-00
F250H						
FL200B	TL	SS	B	15	17	61B-45978-00
FL200C	TL	SS	B	14 1/2	19	61B-45974-00
FL225B	TL	SS	B	14 1/2	21	61B-45972-00
FL250H						

Standard series <4-stroke models>

Dualthrust propeller

3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
F8F	N	AL	W	9	5	6G1-W4592-00
F9.9J	N	AL	W	9	7	6G1-W4591-01
FT8G	R	AL	W	11 3/4	5 3/4	69G-45941-00
FT9.9L	R	AL	W	11 3/4	7	69G-45943-00
	R	AL	W	11 3/4	9 1/4	6G8-45947-00
	R	PL	Gray	11 3/4	12 1/4	6G8-45945-00
	R	PL	Gray	11 3/4	11	6G8-45941-00
	R	PL	Gray	11 3/4	9 1/4	6G8-45943-00
F9.9H	J	AL	W	9 3/4	6 1/2	683-W4592-02
F15C	J	AL	W	9 3/4	8	683-W4591-02
F20G	F	AL	W	10 5/8	6 3/4	6FM-45941-00
F25G	F	AL	W	10 5/8	8 1/4	6J8-W4591-00
FT25F	G	AL	W	12 1/4	9	68U-45941-00
FT50C	K	AL	W	14	11	68S-45941-00
FT50J						
FT60G						
F70A						

Standard series <4-stroke models>

Weedless propeller

3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
F4B	BA	AL	W	7 1/4	6 1/2	6E0-45949-00
F5A	BA	AL	W	7 1/4	8 1/4	6E0-45952-00
F6C						
F20G	F	SS	B	9 1/8	12	664-45972-00
F25D	F	SS	B	9 1/8	13	664-45970-00
F25G						

Material: AL [Aluminum], SS [Stainless Steel], PL [Plastic]
 Finishing: W [White painted], B [Black painted], P [Polished]
 SDS: Shift Dampener System

OPTIONAL ACCESSORIES

TALON series (4-stroke models)

SDS propeller

3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
FT50C	K	AL	W	13 1/2	9	6EK-45941-00
FT50J	K	AL	W	13 1/2	10 1/2	6EK-45943-00
FT60G	K	AL	W	13 1/2	12	6EK-45945-00
F70A	K	AL	W	13 1/2	14	6EK-45947-00
F75D	K	AL	W	13 1/2	16	6EK-45949-00
F75F						
F80D						
F90C						
F90D						
F100B						
F100F						
F100G						
F115B						
F115C						
F130A						
FT50C	K	SS	P	13 1/8	14	6N7-45970-00
FT50J	K	SS	P	13 1/8	16	6N7-45972-00
FT60G	K	SS	P	13 1/8	18	6N7-45974-00
F70A	K	SS	P	13 1/8	19	6N7-45976-00
F75D	K	SS	P	13 1/8	20	6N7-45978-00
F75F	K	SS	P	13 1/8	22	6N7-45930-00
F80D	K	SS	P	13 1/8	24	6N7-45932-00
F90C						
F90D						
F100B						
F100F						
F100G						
F115B						
F115C						
F130A						
FL115B	KL	SS	P	13 1/8	14	6N4-45970-00
	KL	SS	P	13 1/8	16	6N4-45972-00
	KL	SS	P	13 1/8	18	6N4-45974-00
	KL	SS	P	13 1/8	20	6N4-45978-00

TALON SS4 series (4-stroke models)

SDS propeller

4 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
F40G	K	SS	P	13 1/4	14	6N6-45B70-00
FT50C	K	SS	P	13 1/4	16	6N6-45B72-00
FT50J	K	SS	P	13 1/4	18	6N6-45B74-00
FT60G						
F70A						
F75D						
F75F						
F80C						
F80D						
F90C						
F90D						
F100B						
F100F						
F100G						
F115B						
F115C						
F75D	K	SS	P	13 1/4	20	6N6-45B76-00
F75F	K	SS	P	13 1/4	22	6N6-45B78-00
F80C	K	SS	P	13 1/4	23	6N6-45B80-00
F80D						
F90C						
F90D						
F100B						
F100F						
F100G						
F115B						
F115C						

Material: AL [Aluminum], SS [Stainless Steel], PL [Plastic]
Finishing: W [White painted], B [Black painted], P [Polished]
SDS: Shift Dampener System

OPTIONAL ACCESSORIES

TALON PONTOON series <4-stroke models>

SDS propeller 3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
FT50C	K	SS	P	14	9	6H1-45970-00
FT50J	K	SS	P	14	10	6H1-45972-00
FT60G	K	SS	P	14	11	6H1-45974-00
F70A	K	SS	P	14	12	6H1-45976-00
F75D	K	SS	P	14	13	6H1-45978-00
F75F						
F80C						
F80D						
F90C						
F90D						
F100B						
F100F						
F100G						
F115B						
F115C						
F130A						

TALON GP series <4-stroke models>

SDS propeller 3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
FT50C	K	AL	W	13 5/8	14	6FP-45941-00
FT50J	K	AL	W	13 1/2	15	6FP-45943-00
FT60G	K	AL	W	13 1/4	16	6FP-45945-00
F70A	K	AL	W	13 1/8	17	6FP-45947-00
F75D	K	AL	W	13	18	6FP-45949-00
F75F						
F80C						
F80D						
F90C						
F90D						
F100B						
F100F						
F100G						
F115B						
F115C						
F130A						

Material: AL [Aluminum], SS [Stainless Steel], PL [Plastic]
Finishing: W [White painted], B [Black painted], P [Polished]
SDS: Shift Dampener System

OPTIONAL ACCESSORIES

RELIANCE series (4-stroke models)

SDS propeller

3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
F150D	M	SS	P	14 1/2	13	68F-45932-20
F150F	M	SS	P	14 1/2	14	68F-45930-20
F150C	M	SS	P	14 1/2	15	68F-45970-20
F150G	M	SS	P	14 1/4	17	68F-45972-20
F175A	M	SS	P	14 1/4	18	68F-45978-20
F175C	M	SS	P	13 3/4	19	68F-45974-20
F200B	M	SS	P	13 3/4	21	68F-45976-20
F200C						
F200F						
F200G						
F200H						
F225B						
F225H						
F225J						
F250H						
F250P						
F250N						
F250J						
F225F						
F250D						
F250L						
F300B						
F300C						
F300G						
F300F						

F150C: X transom only

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
FL150D	ML	SS	P	14 1/2	14	68G-45930-20
FL150F	ML	SS	P	14 1/2	15	68G-45970-20
FL150G	ML	SS	P	14 1/4	17	68G-45972-20
FL175C	ML	SS	P	14 1/4	18	68G-45978-20
FL200B	ML	SS	P	13 3/4	19	68G-45974-20
FL200C	ML	SS	P	13 3/4	21	68G-45976-20
FL200F						
FL200G						
FL225B						
FL225H						
FL225J						
FL250H						
FL250P						
FL250N						
FL225F						
FL250D						
FL250L						
FL300B						
FL300C						
FL300G						
FL300F						

Material: AL [Aluminum], SS [Stainless Steel], PL [Plastic]
Finishing: W [White painted], B [Black painted], P [Polished]
SDS: Shift Dampener System

OPTIONAL ACCESSORIES

SALTWATER series <4-stroke models>

Regular propeller

3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
F150D	M	SS	P	15 1/4	15	6R4-45976-A0
F150F	M	SS	P	15 1/4	17	6R4-45978-A0
F200B	M	SS	P	15 1/4	19	6R4-45970-A1
F200C	M	SS	P	14 7/8	21	6R4-45972-A0
F225B	M	SS	P	14 1/2	23	6R4-45974-A0
F250H						
FL150D	ML	SS	P	15 1/4	15	6R1-45976-A0
FL150F	ML	SS	P	15 1/4	17	6R1-45978-A0
FL200B	ML	SS	P	15 1/4	19	6R1-45970-A1
FL200C	ML	SS	P	14 7/8	21	6R1-45972-A0
FL225B	ML	SS	P	14 1/2	23	6R1-45974-A0
FL250H						

Material: AL [Aluminum], SS [Stainless Steel], PL [Plastic]
 Finishing: W [White painted], B [Black painted], P [Polished]
 SDS: Shift Dampener System

Performance 3 SDS series <4-stroke models>

SDS propeller

3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
F150G	M	SS	P	14 1/4	14	60H-45970-00
F150D	M	SS	P	14 1/4	16	60H-45972-00
F150F	M	SS	P	14 1/4	18	60H-45974-00
F150C	M	SS	P	14 1/4	20	60H-45976-00
F175A	M	SS	P	14 1/4	22	60H-45978-00
F175C						
F200B						
F200C						
F200F						
F200G						
F200H						
F225B						
F225F						
F250D						
F225H						
F225J						
F250J						
F250H						
F250P						
F250N						
F250L						
F300B						
F300C						
F300G						
F300F						
FL150D	ML	SS	P	14 1/4	14	60J-45970-00
FL150F	ML	SS	P	14 1/4	16	60J-45972-00
FL150G	ML	SS	P	14 1/4	18	60J-45974-00
FL175C	ML	SS	P	14 1/4	20	60J-45976-00
FL200B	ML	SS	P	14 1/4	22	60J-45978-00
FL200C						
FL200F						
FL200G						
FL225B						
FL225F						
FL250D						
FL225H						
FL225J						
FL250H						
FL250P						
FL250N						
FL250L						
FL300B						
FL300C						
FL300G						
FL300F						

OPTIONAL ACCESSORIES

SALTWATER II series (4-stroke models)

SDS propeller

3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
F200B	T	SS	P	15 3/4	13	6CE-45930-20
F200C	T	SS	P	15 3/4	15	6CE-45976-20
F225B						
F250H						
F225F						
F225H						
F225J						
F250D						
F250P						
F250N						
F250L						
F300B						
F300C						
F300G						
F300F						
F150D	T	SS	P	15 1/2	16	6CE-45938-20
F150F	T	SS	P	15 1/2	17	6CE-45978-20
F150G	T	SS	P	15 1/4	18	6CE-45934-20
F150C	T	SS	P	15 1/4	19	6CE-45970-20
F175A	T	SS	P	15	20	6CE-45932-20
F175C	T	SS	P	15	21	6CE-45972-20
F200B	T	SS	P	14 3/4	22	6CE-45936-20
F200C	T	SS	P	14 3/4	23	6CE-45974-20
F200F						
F200G						
F225B						
F250H						
F225F						
F225H						
F225J						
F250D						
F250P						
F250N						
F250L						
F300B						
F300C						
F300G						
F300F						

F150C: X transom only

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
FL200B	TL	SS	P	15 3/4	13	6CF-45930-20
FL200C	TL	SS	P	15 3/4	15	6CF-45976-20
FL225B						
FL250H						
FL225F						
FL225H						
FL225J						
FL250D						
FL250P						
FL250N						
FL250L						
FL300B						
FL300C						
FL300G						
FL300F						
FL150D	TL	SS	P	15 1/2	17	6CF-45978-20
FL150F	TL	SS	P	15 1/4	18	6CF-45934-20
FL150G	TL	SS	P	15 1/4	19	6CF-45970-20
FL175C	TL	SS	P	15	20	6CF-45932-20
FL200B	TL	SS	P	15	21	6CF-45972-20
FL200C	TL	SS	P	14 3/4	22	6CF-45936-20
FL200F	TL	SS	P	14 3/4	23	6CF-45974-20
FL200G						
FL225B						
FL250H						
FL225F						
FL225H						
FL225J						
FL250D						
FL250P						
FL250N						
FL250L						
FL300B						
FL300C						
FL300G						
FL300F						

Material: AL [Aluminum], SS [Stainless Steel], PL [Plastic]
Finishing: W [White painted], B [Black painted], P [Polished]
SDS: Shift Dampener System

OPTIONAL ACCESSORIES

SALTWATER II HP series <4-stroke models>

SDS propeller

4 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
F150D	T	SS	P	15 1/4	18	6KA-45970-00
F150F	T	SS	P	15 1/4	19	6KA-45972-00
F150C	T	SS	P	15	20	6KA-45974-00
F150G	T	SS	P	15	21	6KA-45976-00
F175A						
F175C						
F200B						
F200C						
F200F						
F200G						
F200H						
F225B						
F225F						
F250D						
F225H						
F225J						
F250J						
F250H						
F250P						
F250N						
F250L						
F300B						
F300C						
F300G						
F300F						
FL150D	TL	SS	P	15 1/4	18	6KB-45970-00
FL150F	TL	SS	P	15 1/4	19	6KB-45972-00
FL150G	TL	SS	P	15	20	6KB-45974-00
FL175C	TL	SS	P	15	21	6KB-45976-00
FL200B						
FL200C						
FL200F						
FL200G						
FL225B						
FL225F						
FL250D						
FL225H						
FL225J						
FL250H						
FL250P						
FL250N						
FL250L						
FL300B						
FL300C						
FL300G						
FL300F						

F150C: X transom only

SALTWATER HS4 series <4-stroke models>

SDS propeller

4 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
F150D	T	SS	P	15	21	6CE-45B70-20
F150F	T	SS	P	15	22	6CE-45B72-20
F150G	T	SS	P	15	23	6CE-45B74-20
F150C						
F175A						
F175C						
F200B						
F200C						
F200F						
F200G						
F225B						
F250H						
F225F						
F225H						
F225J						
F250D						
F250P						
F250N						
F250L						
F300B						
F300C						
F300G						
F300F						
FL150D	TL	SS	P	15	21	6CF-45B70-20
FL150F	TL	SS	P	15	22	6CF-45B72-20
FL150G	TL	SS	P	15	23	6CF-45B74-20
FL175C						
FL200B						
FL200C						
FL200F						
FL200G						
FL225B						
FL250H						
FL225F						
FL225H						
FL225J						
FL250D						
FL250P						
FL250N						
FL250L						
FL300B						
FL300C						
FL300G						
FL300F						

F150C: X transom only

OPTIONAL ACCESSORIES

SALTWATER XL series <4-stroke models>

SDS propeller 3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
F300D	X	SS	P	16 1/4	13	6AW-45930-20
	X	SS	P	16 1/4	15	6AW-45970-20
	X	SS	P	16 1/4	17	6AW-45972-20
	X	SS	P	15 1/2	19	6AW-45974-20
	X	SS	P	15 1/4	21	6AW-45976-20
	X	SS	P	15 1/4	23	6AW-45978-20
FL300D	XL	SS	P	16 1/4	13	6AX-45930-20
	XL	SS	P	16 1/4	15	6AX-45970-20
	XL	SS	P	16 1/4	17	6AX-45972-20
	XL	SS	P	15 1/2	19	6AX-45974-20
	XL	SS	P	15 1/4	21	6AX-45976-20
	XL	SS	P	15 1/4	23	6AX-45978-20

SALTWATER XL4 series <4-stroke models>

SDS propeller 4 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
F300D	X	SS	P	16 1/8	15	6AW-45B70-20
	X	SS	P	16 1/8	17	6AW-45B72-20
	X	SS	P	15 3/8	22	6AW-45B76-20
	X	SS	P	15 3/8	24	6AW-45B74-20
FL300D	XL	SS	P	16 1/8	15	6AX-45B70-20
	XL	SS	P	16 1/8	17	6AX-45B72-20
	XL	SS	P	15 3/8	22	6AX-45B76-20
	XL	SS	P	15 3/8	24	6AX-45B74-20

XTO OS Series <4-stroke models>

SDS propeller 3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
F375A F425A	Y	SS	P	17 1/8	15	6GR-45970-10
	Y	SS	P	16 7/8	16	6GR-45D70-10
	Y	SS	P	16 7/8	17	6GR-45972-10
	Y	SS	P	16 5/8	18	6GR-45938-10
	Y	SS	P	16 5/8	19	6GR-45974-10
	Y	SS	P	16 3/8	20	6GR-45936-10
	Y	SS	P	16 3/8	21	6GR-45976-10
	Y	SS	P	16 1/8	22	6GR-45934-10
	Y	SS	P	16 1/8	23	6GR-45978-10
	Y	SS	P	16	24	6GR-45932-10
	Y	SS	P	16	25	6GR-45930-10
	Y	SS	P	16	26	6GR-45D72-10
FL375A FL425A	YL	SS	P	17 1/8	15	6GS-45970-10
	YL	SS	P	16 7/8	16	6GS-45D70-10
	YL	SS	P	16 7/8	17	6GS-45972-10
	YL	SS	P	16 5/8	18	6GS-45938-10
	YL	SS	P	16 5/8	19	6GS-45974-10
	YL	SS	P	16 3/8	20	6GS-45936-10
	YL	SS	P	16 3/8	21	6GS-45976-10
	YL	SS	P	16 1/8	22	6GS-45934-10
	YL	SS	P	16 1/8	23	6GS-45978-10
	YL	SS	P	16	24	6GS-45932-10
	YL	SS	P	16	25	6GS-45930-10
	YL	SS	P	16	26	6GS-45D72-10

Material: AL [Aluminum], SS [Stainless Steel], PL [Plastic]
Finishing: W [White painted], B [Black painted], P [Polished]
SDS: Shift Dampener System

OPTIONAL ACCESSORIES

V MAX series <4-stroke models>

Regular propeller 3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
F150C	T2	SS	P	15 1/8	22	6CB-45932-11
F175B	T2	SS	P	15 1/8	23	6CB-45974-11
F200D	T2	SS	P	15 1/8	24	6CB-45930-11
F225D	T2	SS	P	15 1/8	25	6CB-45972-11
F250C	T2	SS	P	15 1/8	26	6CB-45978-11
	T2	SS	P	15 1/8	27	6CB-45970-11

F150C: L transom only

Pro series <4-stroke models>

Regular propeller 3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
F150C	M1	SS	P	14 1/2	21	66K-45976-B0
F175B	M2	SS	P	14 1/2	23	66K-45974-B0
	M2	SS	P	14 1/2	25	66K-45972-B0
	M1	SS	P	14 1/2	27	66K-45970-B0

F150C: L transom only

Standard series <2-stroke models>

Regular propeller 3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
2D	A	PL	W	7 1/4	4	6A1-45943-00
	A	AL	W	7 1/4	4 1/2	646-45944-01
	A	AL	W	7 1/4	5	6F8-45942-01
	A	AL	W	7 1/4	5 1/2	646-45942-01
3B	BS	AL	W	7 1/4	5	6L5-45949-00
	BS	AL	W	7 1/4	5 1/2	6L5-45952-00
	BS	AL	W	7 1/4	6	6L5-45943-00
	BS	AL	W	7 1/4	7 1/4	6L5-45945-00
	BS	AL	W	7 1/4	8 1/4	6L5-45947-00
4C 4D	BA	AL	W	7 1/2	7	6E0-45943-01
	BA	AL	W	7 1/2	8	6E0-45941-01
	BA	AL	W	7 1/2	9	6E0-45945-00
E8D EK8D	C	AL	W	7 1/4	5	655-45949-00
	C	AL	W	9	5 3/4	655-45947-01
	C	AL	W	9	6 1/2	655-45945-00
	C	AL	W	9	7	647-45943-00
	C	AL	W	9	7 1/2	655-45943-00
	C	AL	W	9	9	647-45947-00
	C	AL	W	9 1/4	9 1/4	647-45941-00
	C	AL	W	9 1/4	12	683-45941-00
9.9F	J	AL	W	9 1/2	6 1/2	683-45949-00
9.9G	J	AL	W	9 1/4	10 1/2	683-45943-00
15F	J	AL	W	9 1/4	12	683-45941-00
E9.9D						
E15D						
EK9.9D						
EK9.9J						
EK15D						
EK15P						

Material: AL [Aluminum], SS [Stainless Steel], PL [Plastic]
Finishing: W [White painted], B [Black painted], P [Polished]
SDS: Shift Dampener System

OPTIONAL ACCESSORIES

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
9.9F	J	AL	W	9 1/4	8	63V-45947-00
9.9G						
15F						
E9.9D						
E15D						
EK9.9D						
EK9.9J						
EK15D						
EK15P						
9.9F	J1	AL	W	9 1/4	9	63V-45945-10
9.9G	J1	AL	W	9 1/4	10	63V-45952-10
15F	J1	AL	W	9 1/4	11	63V-45943-10
E9.9D	J1	AL	W	9 1/4	12	63V-45941-10
E15D						
EK9.9D						
EK9.9J						
EK15D						
EK15P						
25B	F	AL	W	9 7/8	8	664-45943-01
25X	F	AL	W	9 7/8	9	664-45941-01
30H	F	AL	W	9 7/8	10	62C-45941-00
E25B	F	AL	W	9 7/8	10 1/2	664-45945-00
E30H	F	AL	W	9 7/8	11 1/4	664-45947-01
EK25B	F	AL	W	9 7/8	12	664-45954-01
EK25C	F	AL	W	9 7/8	14	664-45952-00
40V	G	AL	W	12 1/4	8	63D-45941-00
40X	G	AL	W	12 1/4	9	663-45956-01
50H	G	AL	W	11 3/4	10	663-45954-01
E40J	G	AL	W	11 3/8	12	663-45952-02
E40X	G	AL	W	10 5/8	12	6H5-45952-00
EK40J	G	AL	W	10 3/8	13	6H5-45945-00
	G	AL	W	10 1/4	14	6H5-45958-00
	G	AL	W	11 1/4	14	663-45958-01
	G	AL	W	10	15	6H5-45943-00
	G	AL	W	10 3/4	16	663-45949-01
	G	AL	W	10 3/4	17	663-45941-01

Material: AL [Aluminum], SS [Stainless Steel], PL [Plastic]
 Finishing: W [White painted], B [Black painted], P [Polished]
 SDS: Shift Dampener System

Standard series <2-stroke models>

Regular propeller

3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
40V	G	AL	W	11 5/8	11	69W-45947-00
40X	G	AL	W	11 3/8	12	69W-45952-00
50H	G	AL	W	11 1/8	13	69W-45945-00
E40J	G	AL	W	11 1/4	14	69W-45958-00
E40X	G	AL	W	11	15	69W-45943-00
EK40J						
40V	G	SS	B	12	11	663-45972-60
40X	G	SS	B	11 3/4	12	663-45970-60
50H	G	SS	B	11 1/2	13	663-45974-60
E40J	G	SS	B	10 1/4	14	663-45930-00
E40X	G	SS	B	11 1/4	14	697-45970-00
EK40J	G	SS	B	10 1/4	15	663-45976-00
	G	SS	B	10 1/4	16	663-45978-00
E40G	H	AL	W	11 3/4	7 1/2	676-45956-61
EK40G	H	AL	W	11 3/4	8 3/4	676-45947-62
	H	AL	W	11 3/4	10	676-45945-62
	H	AL	W	11 1/2	11	676-45941-62
	H	AL	W	11 1/2	12	676-45943-62
	H	AL	W	11 1/2	13	676-45952-62
E55D	K	AL	W	14	11	6E5-45954-00
60F	K	AL	W	13 5/8	13	6E5-45949-00
70B	K	AL	W	13 5/8	14	6E5-45958-00
85A	K	AL	W	13 1/2	15	6E5-45947-00
E60H	K	AL	W	13 1/4	17	6E5-45945-01
E75B	K	AL	W	13	19	6E5-45941-00
	K	AL	W	12 5/8	21	6E5-45943-00
	K	AL	W	13	23	6E5-45952-00
	K	AL	W	13	25	6E5-45956-00
E55D	K	SS	B	13 1/2	14	688-45932-60
60F	K	SS	B	13 1/2	16	688-45978-60
70B	K2	SS	B	13	17	688-45930-02
85A	K	SS	B	13	19	688-45970-03
E60H	K	SS	B	13	21	688-45972-02
E75B	K	SS	B	13	23	688-45974-02
	K	SS	B	13	25	688-45976-01

OPTIONAL ACCESSORIES

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
150A 200A	M	AL	B	15 1/4	15	6G5-45941-00
	M	AL	B	14 5/8	16	6G5-45952-00
	M	AL	B	14 1/2	17	6G5-45947-01
	M	AL	B	14	19	6G5-45945-01
	M	AL	B	13 3/4	21	6G5-45943-01
	M	AL	B	13 1/2	23	6G5-45949-00
L150A	ML	AL	B	14 1/2	17	6K1-45947-00
L200A	ML	AL	B	14	19	6K1-45945-00
150A 200A	M	SS	B	15 3/4	13	6G5-45932-00
	M	SS	B	15 1/4	15	6G5-45970-02
	M2	SS	B	13 3/4	17	6G5-45978-03
	M2	SS	B	13 3/4	19	6G5-45974-03
	M	SS	B	13 3/4	21	6G5-45972-02
	M	SS	B	13 3/8	23	6G5-45976-01
	M	SS	B	13 3/8	25	6G5-45930-00
L150A L200A	ML	SS	B	15 1/4	15	6K1-45970-01
	ML1	SS	B	13 3/4	17	6K1-45978-02
	ML1	SS	B	13 3/4	19	6K1-45974-02
	ML	SS	B	13 3/4	21	6K1-45972-01
	ML	SS	B	13 3/8	23	6K1-45976-00

Material: AL [Aluminum], SS [Stainless Steel], PL [Plastic]
 Finishing: W [White painted], B [Black painted], P [Polished]
 SDS: Shift Dampener System

Standard series <2-stroke models>

Dual thrust propeller 3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
9.9F	J	AL	W	9 3/4	6 1/2	683-W4592-02
9.9G	J	AL	W	9 3/4	8	683-W4591-02
15F						
E9.9D						
E15D						
EK9.9D						
EK9.9J						
EK15D						
EK15P						

Standard series <2-stroke models>

Weedless propeller 3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
4C 4D	BA	AL	W	7 1/4	6 1/2	6E0-45949-00
	BA	AL	W	7 1/4	8 1/4	6E0-45952-00
25B	F	SS	B	9 1/8	12	664-45972-00
25X	F	SS	B	9 1/8	13	664-45970-00
30H						
E25B						
E30H						
EK25B						
EK25C						

OPTIONAL ACCESSORIES

TALON series (2-stroke models)

SDS propeller 3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
E55D	K	AL	W	13 1/2	9	6EK-45941-00
60F	K	AL	W	13 1/2	10 1/2	6EK-45943-00
70B	K	AL	W	13 1/2	12	6EK-45945-00
85A	K	AL	W	13 1/2	14	6EK-45947-00
E60H	K	AL	W	13 1/2	16	6EK-45949-00
E75B						

TALON SS series (2-stroke models)

SDS propeller 3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
E55D	K	SS	P	13 1/8	14	6N7-45970-00
60F	K	SS	P	13 1/8	16	6N7-45972-00
70B	K	SS	P	13 1/8	18	6N7-45974-00
85A	K	SS	P	13 1/8	19	6N7-45976-00
E60H	K	SS	P	13 1/8	20	6N7-45978-00
E75B	K	SS	P	13 1/8	22	6N7-45930-00
	K	SS	P	13 1/8	24	6N7-45932-00

TALON SS4 series (2-stroke models)

SDS propeller 4 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
60F	K	SS	P	13 1/4	14	6N6-45B70-00
E60H	K	SS	P	13 1/4	16	6N6-45B72-00
E60J	K	SS	P	13 1/4	18	6N6-45B74-00
E65A						
70B						
75A						
E75B						
85A						
115B						
115C						
115B	K	SS	P	13 1/4	20	6N6-45B76-00
115C	K	SS	P	13 1/4	22	6N6-45B78-00
	K	SS	P	13 1/4	23	6N6-45B80-00

TALON PONTOON series (2-stroke models)

SDS propeller 3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
E55D	K	SS	P	14	9	6H1-45970-00
60F	K	SS	P	14	10	6H1-45972-00
E60H	K	SS	P	14	11	6H1-45974-00
E60J	K	SS	P	14	12	6H1-45976-00
E65A	K	SS	P	14	13	6H1-45978-00
70B						
75A						
E75B						
85A						
115B						
115C						

Material: AL [Aluminum], SS [Stainless Steel], PL [Plastic]
Finishing: W [White painted], B [Black painted], P [Polished]
SDS: Shift Damper System

OPTIONAL ACCESSORIES

TALON GP series <2-stroke models>

SDS propeller 3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
E55D	K	AL	W	13 5/8	14	6FP-45941-00
60F	K	AL	W	13 1/2	15	6FP-45943-00
E60H	K	AL	W	13 1/4	16	6FP-45945-00
E60J	K	AL	W	13 1/8	17	6FP-45947-00
E65A	K	AL	W	13	18	6FP-45949-00
70B						
75A						
E75B						
E60J						
85A						
115B						
115C						

Performance 3 SDS series <2-stroke models>

SDS propeller 3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
150A 200A	M	SS	P	14 1/4	14	60H-45970-00
	M	SS	P	14 1/4	16	60H-45972-00
	M	SS	P	14 1/4	18	60H-45974-00
	M	SS	P	14 1/4	20	60H-45976-00
	M	SS	P	14 1/4	22	60H-45978-00
L150A L200A	ML	SS	P	14 1/4	14	60J-45970-00
	ML	SS	P	14 1/4	16	60J-45972-00
	ML	SS	P	14 1/4	18	60J-45974-00
	ML	SS	P	14 1/4	20	60J-45976-00
	ML	SS	P	14 1/4	22	60J-45978-00

RELIANCE series <2-stroke models>

SDS propeller 3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
150A 200A	M	SS	P	14 1/2	13	68F-45932-20
	M	SS	P	14 1/2	14	68F-45930-20
	M	SS	P	14 1/2	15	68F-45970-20
	M	SS	P	14 1/4	17	68F-45972-20
	M	SS	P	14 1/4	18	68F-45978-20
	M	SS	P	13 3/4	19	68F-45974-20
	M	SS	P	13 3/4	21	68F-45976-20
L150A L200A	ML	SS	P	14 1/2	14	68G-45930-20
	ML	SS	P	14 1/2	15	68G-45970-20
	ML	SS	P	14 1/4	17	68G-45972-20
	ML	SS	P	14 1/4	18	68G-45978-20
	ML	SS	P	13 3/4	19	68G-45974-20
	ML	SS	P	13 3/4	21	68G-45976-20

Material: AL [Aluminum], SS [Stainless Steel], PL [Plastic]
Finishing: W [White painted], B [Black painted], P [Polished]
SDS: Shift Dampener System

OPTIONAL ACCESSORIES

SALTWATER series <2-stroke models>

Regular propeller 3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
150A 200A	M	SS	P	15 1/4	15	6R4-45976-A0
	M	SS	P	15 1/4	17	6R4-45978-A0
	M	SS	P	15 1/4	19	6R4-45970-A1
	M	SS	P	14 7/8	21	6R4-45972-A0
	M	SS	P	14 1/2	23	6R4-45974-A0
L150A L200A	ML	SS	P	15 1/4	15	6R1-45976-A0
	ML	SS	P	15 1/4	17	6R1-45978-A0
	ML	SS	P	15 1/4	19	6R1-45970-A1
	ML	SS	P	14 7/8	21	6R1-45972-A0
	ML	SS	P	14 1/2	23	6R1-45974-A0

SALTWATER II series <2-stroke models>

SDS propeller 3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
150A 200A	T	SS	P	15 1/2	16	6CE-45938-20
	T	SS	P	15 1/2	17	6CE-45978-20
	T	SS	P	15 1/4	18	6CE-45934-20
	T	SS	P	15 1/4	19	6CE-45970-20
	T	SS	P	15	20	6CE-45932-20
	T	SS	P	15	21	6CE-45972-20
	T	SS	P	14 3/4	22	6CE-45936-20
	T	SS	P	14 3/4	23	6CE-45974-20
L150A L200A	TL	SS	P	15 1/2	17	6CF-45978-20
	TL	SS	P	15 1/4	18	6CF-45934-20
	TL	SS	P	15 1/4	19	6CF-45970-20
	TL	SS	P	15	20	6CF-45932-20
	TL	SS	P	15	21	6CF-45972-20
	TL	SS	P	14 3/4	22	6CF-45936-20
	TL	SS	P	14 3/4	23	6CF-45974-20

Material: AL [Aluminum], SS [Stainless Steel], PL [Plastic]
Finishing: W [White painted], B [Black painted], P [Polished]
SDS: Shift Dampener System

SALTWATER II HP series <2-stroke models>

SDS propeller 3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
150A 200A	T	SS	P	15 1/4	18	6KA-45970-00
	T	SS	P	15 1/4	19	6KA-45972-00
	T	SS	P	15	20	6KA-45974-00
	T	SS	P	15	21	6KA-45976-00
L150A L200A	TL	SS	P	15 1/4	18	6KB-45970-00
	TL	SS	P	15 1/4	19	6KB-45972-00
	TL	SS	P	15	20	6KB-45974-00
	TL	SS	P	15	21	6KB-45976-00

SALTWATER HS4 series <2-stroke models>

SDS propeller 4 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
150A 200A	T	SS	P	15	21	6CE-45B70-20
	T	SS	P	15	22	6CE-45B72-20
	T	SS	P	15	23	6CE-45B74-20
L150A L200A	TL	SS	P	15	21	6CF-45B70-20
	TL	SS	P	15	22	6CF-45B72-20
	TL	SS	P	15	23	6CF-45B74-20

Material: AL [Aluminum], SS [Stainless Steel], PL [Plastic]
Finishing: W [White painted], B [Black painted], P [Polished]
SDS: Shift Dampener System

OPTIONAL ACCESSORIES

GENUINE OIL YAMALUBE for Outboards



● 4-stroke application

Background: Outboards have to operate under seawater spray, and therefore marine oil required stable lubricating and rust prohibitive efficiency have to be maintained under sea spray contamination.

Advantage: YAMALUBE has been strengthened lubricating and rust/corrosion prohibitive efficiency under sea condition.

Naming: YAMALUBE 4, YAMALUBE 4M



● 2-stroke application

Background: Operating condition is greatly different from land vehicle and Heavy-duty oil for 2stroke water-cooled engine is required.

Advantage: YAMALUBE have been produced on specially turned formula for Yamaha outboards up to HPDI models.

Naming: YAMALUBE 2, YAMALUBE 2M



● Gear oil application

Background: Spiraled bevel gears have been operating under the water. Limited oil in the compact gear case without air breeze support all power transfer to the propeller. From such back ground, High class hypoid gear oil is requested.

Advantage: YAMALUBE will not produce jerry even seawater contaminated accidentally.

Heavy duty high quality oil in the convenient bottle.

Naming: YAMALUBE GEAR OIL

API classification: Hypoid gear oil GL5 or GL4



● Marine grease

Yamaha Grease A

Poly urea based multi purpose marine grease featuring with heavy duty and highly seawater resistance.

Yamaha Grease D

Specially designed for propeller shaft application to be protected the shaft / propeller from salt seizure.

● Water separators



Large capacity type



Regular type

- Separates over 99% of water, the main enemy of your outboard motor.
- Full plastic body ensures that the bowl will not become stuck due to electric corrosion or rust, making filter replacements easy.
- **Large capacity type for holding up to 215 cc of water.** Regular type has a capacity of 60 cc.
- **Highly visible float and see-through bowl allow you to check the water level with just a glance.**
- **Two large capacity types are available: a 10 µm filter type (4-stroke and 2-stroke HPDI/FI models) or a 25 µm filter type (2-stroke carburetor models).** Regular type is available only with a 10 µm filter.

Part numbers	Large capacity filter	Regular filter
Water separator assembly	90794-46905 (10 µm) 90794-46906 (25 µm)	90794-46909 (10 µm)
Replacement element (with an O-ring)	90794-46911 (10 µm) 90794-46912 (25 µm)	90794-46914 (10 µm)

Specifications	Large capacity filter	Regular filter
Applicable outboard motors	Up to 250 hp	70 hp or less
Fluid capacity	215 cc	60 cc
Maximum flow rate	200 L/H	100 L/H
Filter type	10 µm/25 µm	10 µm
Connector	8 mm	7 mm
Size	H200×W125.5×D127	H169×W113×D62
Included	Connector, IN & OUT Hose band×2	Connector, IN & OUT

[illegible]

**Specifications, features and others are
subject to change without notice.**