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 ∗reference data	16.0 L/h @5500 r/min)

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	L, X
Engine transom height	L: 533 mm (21.0 inch)	L: 536 mm (21.1 inch), X: 647 mm (25.5 inch)

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	—	—
	Anodic coated muffler	—	—
Power unit	Primestart	●	●
	Carburettor	●	●
	Fuel injection	—	—
	Gasoline	Regular	Regular
Control system	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	—	—	—
6YC 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	●	●	●