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 ∗reference data	13.6 L/h @5500 r/min)

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)	

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

— : N/A (Not available)

OPTIONAL ACCESSORY GUIDE

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

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

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

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