# 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: 558 mm (22.0 inch) | L: 552 mm (21.7 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 | ● | ● |
| 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 | Optional | Optional |
| Power unit | Primestart | — | — |
| | Carburettor | ● | ● |
| | Fuel injection | — | — |
| | Gasoline | Regular | Regular |
| Convenience | Auto decompression | — | — |
| | Tilt lock lever | ● | ● |

* : MH, EH, EHP, WH

## OPTIONAL ACCESSORY GUIDE

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

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

| | F9.9J | | | FT9.9L | | | | |
|---|---|---|---|---|---|---|---|---|
| PROPELLER | 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 |

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

— : N/A (Not available)