

# Commercial model



## F100B

### MODEL CODE (Approved code)

F100B 60C (60C)

### MODELS AVAILABLE

F100B ET

F100BETL

### Dimension

|                       |  |
|-----------------------|--|
| Overall length        | 727 mm (28.6 in)                           |
| Overall width         | 486 mm (19.1 in)                           |
| Overall height        | L: 1595 mm (62.8 in), X: 1722 mm (67.8 in) |
| Engine transom height | L: 516 mm (20.3 in), X: 643 mm (25.3 in)   |
| Minimum distance      | 660 mm (26.0 in)                           |
| Steering angle        | 30 deg. each direction                     |
| <b>Dry weight</b>     | 183 – 188 kg                               |

### 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 <sup>3</sup>                                     |
| Bore × stroke         | 79.0 × 81.4 mm   |
| Compression ratio     | 8.9 :1   |
| Fuel induction system | 4 carburetors  |
| Lubrication system    | Wet sump   |
| Engine oil capacity   | 3.7 L / 3.5 L<br>(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    |
| 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                      |

**Model Category** Commercial use

| <b>Feature Table</b>        |                                  | <b>F100B</b> |
|-----------------------------|----------------------------------|--------------|
| <b>Environment</b>          | Hydro-carbon gas burning system  | •            |
|                             | Start in gear protection         | •            |
|                             | Over rev. limiter                | •            |
| <b>Security</b>             | Overheat warning                 | •            |
|                             | Low oil press. warning           | •            |
|                             | Fail safe system                 | •            |
| <b>Corrosion prevention</b> | Chrome plated water pump housing | •            |
|                             | Anodic coated muffler            | •            |
| <b>Power unit</b>           | Primestart                       | •            |
|                             | Carburetor                       | •            |
|                             | Gasoline                         | Regular      |
| <b>Convenience</b>          | Tilt lock lever                  | •            |

| <b>Optional Accessory</b>  | <b>F100B</b> |
|----------------------------|--------------|
| Steering guide attachment  | •            |
| Freshwater flushing device | •            |

| <b>Rigging Accessory</b> |                      | <b>F100B</b> |
|--------------------------|----------------------|--------------|
| <b>Gauge</b>             | 6Y5                  | •            |
|                          | 6Y7                  | •            |
| <b>Switch</b>            | 64D                  | •            |
|                          | 6R5                  | •            |
|                          | 6K1                  | •            |
| <b>Remote control</b>    | 6Y8                  | •            |
|                          | 703                  | •            |
|                          | 704                  | •            |
|                          | 6X3                  | •            |
| <b>Propeller</b>         | Black Series         | K            |
|                          | K Series             | K            |
|                          | TALON Series         | K            |
|                          | TALON GP Series      | K            |
|                          | TALON SS Series      | K            |
|                          | TALON PONTOON Series | K            |
| TALON SS4 Series         | K                    |              |

| <b>Consumes</b>   | <b>F100B</b> |   |
|-------------------|--------------|---|
| Yamalube gear oil | GL4          | • |
|                   | GL5          | • |

4-stroke  
Commercial