

**GENERAL SPECIFICATIONS**

Item	Unit	Model	
		F115TR	LF115TR
<b>DIMENSION</b>			
Overall length	mm (in)	825 (32.5)	
Overall width	mm (in)	498 (19.6)	
Overall height	mm (in)	1,609 (63.3)	—
	mm (in)	1,736 (68.3)	
Boat transom height	mm (in)	508 (20.0)	—
	mm (in)	635 (25.0)	
<b>WEIGHT</b>			
(without propeller)			
(L)	kg (lb)	183 (403)	—
(X)	kg (lb)	188 (414)	
<b>PERFORMANCE</b>			
Maximum output	kW (hp) @ 5,500 r/min	84.6 (115)	
Full throttle operating range	r/min	5,000 - 6,000	
Maximum fuel consumption	L (US gal, Imp gal)/hr @ 6,000 r/min	38 (10.0, 8.4)	
<b>POWER UNIT</b>			
Type		In-line, 4 stroke, DOHC, 16 valves	
Number of cylinders		4	
Displacement	cm <sup>3</sup> (cu. in)	1,741 (106.2)	
Bore × stroke	mm (in)	79.0 × 88.8 (3.11 × 3.50)	
Compression ratio		9.7	
Minimum compression pressure <sup>(*1)</sup>	kPa (kgf/cm <sup>2</sup> , psi)	950 (9.5, 135)	
Fuel system		Electronic fuel injection	
Fuel injection system		Fuel injection	
Starting system		Electric	
Ignition control system		TCI	
Alternator output	V, A	12, 25	
Spark plugs (NGK)		LFR6A-11	
Cooling system		Water	
Exhaust system		Through propeller boss	
Lubrication system		Wet sump	

(\*1) Measuring conditions:

Ambient temperature 20 °C (68 °F), wide open throttle, with spark plugs removed from all cylinders.

The figures are reference only.



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Lubrication oil pressure <sup>(*1)</sup> at 55°C (131°F)	kPa (kgf/cm <sup>2</sup> , psi) @ idling	350 (3.5, 49.8)	
<b>FUEL AND OIL</b>			
Fuel type		Unleaded regular gasoline	
Fuel rating	PON <sup>(*2)</sup> RON	86 91	
Engine oil type		4-stroke motor oil	
Engine oil grade	API SAE	SE, SF, SG, SH, or SJ 10W-30 or 10W-40	
Engine oil capacity (with oil filter)	L (US qt, Imp qt)	4.5 (4.76, 3.96)	
(without oil filter)	L (US qt, Imp qt)	4.3 (4.55, 3.78)	
Gear oil type		GEAR CASE LUBE	
Gear oil grade	SAE	90	
Gear oil total quantity	cm <sup>3</sup> (US oz, Imp oz)	760 (25.7, 26.8)	715 (24.2, 25.2)
<b>BRACKET</b>			
Trim angle (at 12° boat transom)	Degree	-4 - 16	
Tilt-up angle	Degree	70	
Steering angle	Degree	30 + 30	
<b>DRIVE UNIT</b>			
Gear shift positions		F-N-R	
Gear ratio		2.15 (28/13)	
Reduction gear type		Spiral bevel gear	
Clutch type		Dog clutch	
Propeller shaft type		Spline	
Propeller direction (rear view)		Clockwise	Counterclockwise
Propeller mark		K	KL
<b>ELECTRICAL</b>			
Battery minimum capacity <sup>(*3)</sup>			
CCA/SAE	A	380	
MCA/ABYC	A	502	
RC/SAE	Minute	124	

(\*1) The figures are reference only.

(\*2) PON: Pump Octane Number =  
(RON + Motor Octane Number)/2  
RON: Research Octane Number

(\*3) CCA: Cold Cranking Ampere  
MCA: Marine Cranking Ampere  
ABYC: American Boat and Yacht Council  
SAE: Society of Automotive Engineers  
RC: Reserve Capacity