GENERAL SPECIFICATIONS

Item	Unit	Model	
		F115TR	LF115TR
DIMENSION			
Overall length	mm (in)	825 (32.5)	
Overall width	mm (in)	498 (19.6)	
Overall height			
(L)	mm (in)	1,609 (63.3)	—
(X)	mm (in)	1,736 (68.3)	
Boat transom height			
(L)	mm (in)	508 (20.0)	—
(X)	mm (in)	635 (25.0)	
WEIGHT			
(without propeller)			
(L)	kg (lb)	183 (403)	—
(X)	kg (lb)	188 (414)	
PERFORMANCE			
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)	
POWER UNIT			
Type		In-line, 4 stroke, DOHC, 16 valves	
Number of cylinders		4	
Displacement	cm^3 (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(*1)	kPa (kgf/cm^2, 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.

Item	Unit	Model	
		F115TR	LF115TR
Lubrication oil pressure(*1) at 55˚C (131˚F)	kPa (kgf/cm², psi) @ idling	350 (3.5, 49.8)	
FUEL AND OIL			
Fuel type		Unleaded regular gasoline	
Fuel rating	PON(*2)	86	
	RON	91	
Engine oil type		4-stroke motor oil	
Engine oil grade	API	SE, SF, SG, SH, or SJ	
	SAE	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	cm³ (US oz, Imp oz)	760 (25.7, 26.8)	715 (24.2, 25.2)
BRACKET			
Trim angle (at 12˚ boat transom)	Degree	–4 - 16	
Tilt-up angle	Degree	70	
Steering angle	Degree	30 + 30	
DRIVE UNIT			
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
ELECTRICAL			
Battery minimum capacity(*3)			
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