

General specification

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)	183.0 (403)	—
(X)	kg (lb)	188.0 (414)	
Performance			
Maximum output	kW (HP)	84.6 (115) at 5,500 r/min	
Full throttle operating range	r/min	5,000–6,000	
Maximum fuel consumption	L (US gal, Imp gal)/hr	38.0 (10.0, 8.4) at 6,000 r/min	
Engine idle speed	r/min	700–800	
Power unit			
Type		4-stroke, L	
Cylinder quantity		4	
Total 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	
Control system		Remote control	
Starting system		Electric	
Fuel system		Fuel injection	
Ignition control system		TCI	
Advance type		Micro computer	
Maximum generator output	V, A	12, 25	
Spark plug		LFR6A-11 (NGK)	
Firing order		1-3-4-2 (Normal operation)	
Cooling system		Water	
Exhaust system		Propeller boss	
Lubrication system		Wet sump	

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		F115TR	LF115TR
Fuel and oil			
Fuel type		Regular unleaded gasoline	
Engine oil		4-stroke motor oil	
Engine oil grade ^(*1)	API SAE	SE, SF, SG, SH, SJ, or SL 5W-30, 10W-30, or 10W-40	
Engine oil quantity (without oil filter replacement)	L (US qt, Imp qt)	4.3 (4.55, 3.78)	
(with oil filter replacement)	L (US qt, Imp qt)	4.5 (4.76, 3.96)	
Gear oil type		Hypoid gear oil	
Gear oil grade ^(*2)	API SAE	GL-4 90	
Gear oil quantity	cm ³ (US oz, Imp oz)	760 (25.7, 26.8)	715 (24.2, 25.2)
Bracket unit			
Trim angle (at 12° boat transom)	Degree	-4 to 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			
Min. cold cranking amps (CCA/SAE)	A	380	
Min. marine cranking amps (MCA/ABYC)	A	502	
Min. reserve capacity (RC/SAE)	Minute	124	
Electrolyte specific gravity at 20 °C (68 °F)		1.280	

^(*1) If the recommended engine oil grades are not available, use engine oil with an SAE classification of 15W-40, 20W-40, or 20W-50 and an API classification of SH, SJ, or SL.

^(*2) Meeting both API and SAE requirements

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