



**GENERAL SPECIFICATIONS**

Item	Model			
	Worldwide	USA		
	Canada			
		Unit	F115AET	FL115AET
			F115TR	LF115TR
			F115TR	LF115TR
<b>DIMENSION</b>				
Overall length		mm (in)	825 (32.5)	
Overall width		mm (in)	492 (19.4)	
Overall height				
(L)		mm (in)	1,609 (63.3)	—
(X)		mm (in)	1,736 (68.3)	
Boat transom height				
(L)		mm (in)	516 (20.3)	—
(X)		mm (in)	643 (25.3)	
<b>WEIGHT</b>				
(with aluminum propeller)				
(L)		kg (lb)	192 (422.4)	—
(X)		kg (lb)	197 (433.4)	
<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 @ 5,500 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		kPa (kgf/cm <sup>2</sup> , psi)	950 (9.5, 135)	
Fuel system			Electronic fuel injection	
Fuel injection system			Group injection	
Starting system			Electric	
Ignition control system			Microcomputer (TCI)	
Alternator output			12 - 25A	
Spark plugs (NGK)			LFR6A-11	
Cooling system			Water	
Exhaust system			Through propeller boss	
Lubrication system			Wet sump	
Lubrication oil pressure at 65°C (149°F), with low-30 engine oil		kPa (kgf/cm <sup>2</sup> , psi) @ 850 r/min	320 (3.2, 45.5)	



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<b>FUEL AND OIL</b>				
Fuel type		Unleaded regular gasoline		
Fuel rating	*PON RON	86 91		
Engine oil type		4-stroke outboard engine oil		
Engine oil grade	API SAE	SE, SF, SG, SH 10W-30, 10W-40		
Engine oil capacity (with oil filter)	cm <sup>3</sup> (US oz, Imp oz)	4,700 (159, 165)		
(without oil filter)	cm <sup>3</sup> (US oz, Imp oz)	4,500 (152, 158)		
Gear oil type		Hypoid gear oil		
Gear oil grade	API SAE	GL-4 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 capacity	Ah (kC)	70 - 100 (252 - 360)		
Minimum cold cranking performance	A	380		

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