

General specifications

Item	Unit	Model	
		F150TR	LF150TR
Dimension			
Overall length	mm (in)	822 (32.4)	
Overall width	mm (in)	511 (20.1)	
Overall height			
(L)	mm (in)	1,714 (67.5)	
(X)	mm (in)	1,842 (72.5)	
Boat transom height			
(L)	mm (in)	508 (20.0)	
(X)	mm (in)	635 (25.0)	
Weight			
(without propeller)			
(L)	kg (lb)	212.0 (467)	—
(X)	kg (lb)	216.0 (476)	
Performance			
Maximum output	kW (hp)	110.3 (150) at 5,500 r/min	
Full throttle operating range	r/min	5,000–6,000	
Maximum fuel consumption	L (US gal, Imp gal)/hr	55.8 (14.7, 12.3) at 6,000 r/min	
Engine idle speed	r/min	700 ± 50	
Power unit			
Type		4-stroke L	
Cylinder quantity		4	
Total displacement	cm ³ (cu. in)	2,670 (162.9)	
Bore × stroke	mm (in)	94.0 × 96.2 (3.70 × 3.79)	
Compression ratio		9.0	
Control system		Remote control	
Starting system		Electric	
Fuel system		Fuel injection	
Ignition system		TCI	
Maximum generator output	V, A	12, 35	
Spark plug		LFR5A-11 (NGK)	
Cooling system		Water	
Exhaust system		Propeller boss	
Lubrication system		Wet sump	

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Fuel and oil			
Fuel type		Regular unleaded gasoline	
Fuel minimum rating	RON ^(*)	91	
	PON	86	
Engine oil		4-stroke motor oil	
Engine oil grade	API	SE, SF, SG, SH, or SJ	
	SAE	10W-30 or 10W-40	
Engine oil quantity (without oil filter replacement)	L (US qt, Imp qt)	5.2 (5.5, 4.6)	
(with oil filter replacement)	L (US qt, Imp qt)	5.4 (5.7, 4.8)	
Gear oil type		GEAR CASE LUBE	
Gear oil grade	SAE	90	
Gear oil quantity	cm ³ (US oz, Imp oz)	980 (33.1, 34.6)	870 (29.4, 30.7)
Bracket unit			
Trim angle (at 12° boat transom)	Degree	-4.0 to 16.0	
Tilt-up angle	Degree	70.0	
Steering angle	Degree	35.0 + 35.0	
Drive unit			
Gear shift positions		F-N-R	
Gear ratio		2.00 (28/14)	
Reduction gear type		Spiral bevel gear	
Clutch type		Dog clutch	
Propeller shaft type		Spline	
Propeller direction (rear view)		Clockwise	Counterclockwise
Propeller mark		M	ML
Electrical			
Battery minimum capacity ^(*)			
CCA/SAE	A	512	
MCA/ABYC	A	675	
RC/SAE	Minute	182	

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

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

