

**General specifications**

Item	Unit	Model			
		F50TR	T50TR	F60TR	T60TR
<b>Dimension</b>					
Overall length	mm (in)	706 (27.8)			
Overall width	mm (in)	384 (15.1)			
Overall height (L)	mm (in)	1,415 (55.7)	1,455 (57.3)	1,415 (55.7)	1,455 (57.3)
Boat transom height (L)	mm (in)	508 (20.0)			
<b>Weight</b> (without propeller) (L)	kg (lb)	108.0 (238)	113.0 (249)	108.0 (238)	113.0 (249)
<b>Performance</b>					
Maximum output	kW (hp)	36.8 (50.0) at 5,500 r/min		44.1 (60.0) at 5,500 r/min	
Full throttle operating range	r/min	5,000–6,000			
Maximum fuel consumption	L (US gal, Imp gal)/hr	18.5 (4.89, 4.07) at 6,000 r/min		20.0 (5.28, 4.40) at 6,000 r/min	
Engine idle speed	r/min	700–800			
<b>Power unit</b>					
Type		In-line, 4-stroke, SOHC, 8 valves			
Cylinder quantity		4			
Total displacement	cm <sup>3</sup> (cu. in)	996 (60.8)			
Bore × stroke	mm (in)	65.0 × 75.0 (2.56 × 2.95)			
Compression ratio		9.50			
Control system		Remote control			
Starting system		Electric			
Fuel system		Fuel injection			
Ignition system		TCI			
Advance system		Micro computer			
Maximum generator output	V, A	12, 16			
Spark plug		DPR6EB-9 (NGK)			
Cooling system		Water			
Exhaust system		Propeller boss			
Lubrication system		Wet sump			

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		F50TR	T50TR	F60TR	T60TR
<b>Fuel and oil</b>		Regular unleaded gasoline			
Fuel type		Regular unleaded gasoline			
Fuel minimum rating	RON <sup>(*1)</sup>	90			
	PON	86			
Engine oil		4-stroke motor oil			
Engine oil grade	API SAE	SE, SF, SG, SH, or SJ 10W-30 or 10W-40			
Engine oil quantity (without oil filter replacement)	L (US qt, Imp qt)	2.5 (2.64, 2.20)			
(with oil filter replacement)	L (US qt, Imp qt)	2.7 (2.85, 2.38)			
Gear oil type		GEAR CASE LUBE			
Gear oil grade <sup>(*2)</sup>	API SAE	GL-4 90			
Gear oil quantity	cm <sup>3</sup> (US oz, Imp oz)	430 (14.5, 15.2)	670 (22.7, 23.6)	430 (14.5, 15.2)	670 (22.7, 23.6)
<b>Bracket unit</b>					
Trim angle (at 12° boat transom)	Degree	-4 to 20			
Tilt-up angle	Degree	69			
Steering angle	Degree	40 + 40			
<b>Drive unit</b>					
Gear shift positions		F-N-R			
Gear ratio		1.85 (13/24)	2.31 (13/30)	1.85 (13/24)	2.31 (13/30)
Reduction gear type		Spiral bevel gear			
Clutch type		Dog clutch			
Propeller shaft type		Spline			
Propeller direction (rear view)		Clockwise			
Propeller identification mark		G	K	G	K
<b>Electrical</b>					
Battery minimum capacity <sup>(*3)</sup>					
CCA/SAE	A	380			
MCA/ABYC	A	502			
RC/SAE	Minute	124			

(\*1) RON: Research Octane Number  
 PON: Pump Octane Number =  
 (RON + Motor Octane Number)/2

(\*2) Meeting both API and SAE requirements

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

