

### General specifications

Item	Unit	Model	
		F50TR	T50TR
<b>Dimension</b>			
Overall length	mm (in)	718 (28.3)	
Overall width	mm (in)	361 (14.2)	
Overall height (L)	mm (in)	1,397 (55.0)	1,463 (57.6)
Boat transom height (L)	mm (in)	508 (20.0)	
<b>Weight</b> (without propeller) (L)	kg (lb)	106 (234)	110 (243)
<b>Performance</b>			
Maximum output	kW (hp) @ 5,500 r/min	36.8 (50)	
Full throttle operating range	r/min	5,000–6,000	
Maximum fuel consumption	L (US gal, Imp gal)/hr @ 6,000 r/min	17.3 (4.57, 3.81)	
<b>Power unit</b>			
Type		In-line, 4-stroke, OHC, 8 valves	
Cylinder quantity		4	
Displacement	cm <sup>3</sup> (cu. in)	935 (57.1)	
Bore × stroke	mm (in)	63.0 × 75.0 (2.48 × 2.95)	
Compression ratio		9.3	
Carburetor quantity		4	
Control system		Remote control	
Starting system		Electric	
Ignition control system		Microcomputer (CDI)	
Ignition timing	Degree	BTDC 5–BTDC 35	TDC–BTDC 30
Alternator output	V, A	12, 10	
Enrichment system		Prime Start	
Choke valve control		—	
Spark plugs		DPR6EA-9 (NGK)	
Cooling system		Water	
Exhaust system		Through propeller boss	
Lubrication system		Wet sump	

## General specifications



Item	Unit	Model	
		F50TR	T50TR
<b>Fuel and oil</b>			
Fuel type		Regular unleaded gasoline	
Fuel rating	PON <sup>(*1)</sup>	86	
	RON	91	
Engine oil type		4-stroke motor oil	
Engine oil grade	API SAE	SE, SF, SG, SH, or SJ 10W-30 or 10W-40	
Engine oil quantity (with oil filter replacement)	L (US qt, Imp qt)	2.2 (2.3, 1.9)	
(without oil filter replacement)	L (US qt, Imp qt)	2.0 (2.1, 1.8)	
Gear oil type		GEAR CASE LUBE	
Gear oil grade	SAE	90	
Gear oil quantity	L (US qt, Imp qt)	0.43 (0.45, 0.38)	0.67 (0.71, 0.59)
<b>Bracket</b>			
Trim angle (at 12 degree boat transom)	Degree	-4-20	
Tilt-up angle	Degree	69	
Steering angle	Degree	40 + 40	
<b>Drive unit</b>			
Gear shift positions		F-N-R	
Gear ratio		1.85 (24/13)	2.31 (30/13)
Reduction gear type		Spiral bevel gear	
Clutch type		Dog clutch	
Propeller shaft type		Spline	
Propeller direction (rear view)		Clockwise	
Propeller identification mark		G	K
<b>Electrical</b>			
Battery minimum capacity <sup>(*2)</sup>			
CCA/SAE	A	380	
MCA/ABYC	A	502	
RC/SAE	Minute	124	

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

RON: Research 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