Specifications

General specifications

Item	Unit	Model	
		F50TR	T50TR
Dimension			
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)	
Weight			
(without propeller)			
(L)	kg (lb)	106 (234)	110 (243)
Performance			
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, lmp gal)/hr @ 6,000 r/min	17.3 (4.57, 3.81)	
Power unit			
Type		In-line, 4-stroke, OHC, 8 valves	
Cylinder quantity		4	
Displacement	cm^3 (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	

Item	Unit	Model	
		F50TR	T50TR
Fuel and oil			
Fuel type		Regular unleaded gasoline	
Fuel rating	PON(*1)	86	
	RON	91	
Engine oil type		4-stroke motor oil	
Engine oil grade	API	SE, SF, SG, SH, or SJ	
	SAE	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)
Bracket			
Trim angle (at 12 degree boat transom)	Degree	–4–20	
Tilt-up angle	Degree	69	
Steering angle	Degree	40 + 40	
Drive unit			
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
Electrical			
Battery minimum capacity(*2)			
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