



General specifications

Item	USA Canada Worldwide	Unit	Model			
			—	—	—	F50TR
			F50AEHD	F50AEHT	F50AED	F50AET
Dimension						
Overall length		mm (in)	1,329 (52.3)		718 (28.3)	
Overall width		mm (in)	361 (14.2)			
Overall height (L)		mm (in)	1,397 (55.0)			
Boat transom height (L)		mm (in)	508 (20.0)			
Weight (with aluminum propeller) (L)		kg (lb)	108 (238)	112 (247)	104 (229)	108 (238)
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, Imp 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			Tiller handle		Remote control	
Starting system			Electric			
Ignition control system			Microcomputer (CDI)			
Ignition timing		Degree	TDC ± 1.5–BTDC 35 ± 1.5			
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	Model					
	USA	Unit	—	—	—	F50TR
	Canada		—	F50TH	—	F50TR
	Worldwide	F50AEHD	F50AEHT	F50AED	F50AET	
Fuel and oil						
Fuel type	Regular unleaded gasoline					
Fuel rating	*PON	86				
	RON	91				
Engine oil type	4-stroke motor oil					
Engine oil grade	API	SE, SF, SG, SH				
	SAE	10W-30, 10W-40, or 20W-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	Hypoid gear oil					
Gear oil grade	API	GL-4				
	SAE	90				
Gear oil quantity	L (US qt, Imp qt)	0.43 (0.45, 0.38)				
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)					
Reduction gear type	Spiral bevel gear					
Clutch type	Dog clutch					
Propeller shaft type	Spline					
Propeller direction (rear view)	Clockwise					
Propeller identification mark	G					
Electrical						
Battery capacity	Ah (kC)	70-100 (252-360)				
Minimum cold cranking performance	A	380				

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





Item	Model				
	Unit	T50TR	—	—	—
		T50TR	—	—	—
		FT50BET	FT50CEHD	FT50CED	FT50CET
Dimension					
Overall length	mm (in)	718 (28.3)	1,384 (54.5)	718 (28.3)	
Overall width	mm (in)	361 (14.2)			
Overall height (L)	mm (in)	1,436 (56.5)			
Boat transom height (L)	mm (in)	508 (20.0)			
Weight (with aluminum propeller) (L)	kg (lb)	112 (247)	111.5 (246)	108 (238)	112 (247)
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, Imp 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	Tiller handle	Remote control	
Starting system		Electric			
Ignition control system		Microcomputer (CDI)			
Ignition timing	Degree	TDC ± 1.5– BTDC 35 ± 1.5	TDC ± 1.5–BTDC 30 ± 1.5 TDC ± 1.5–BTDC 35 ± 1.5 (Depending on market)		
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			

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Item	Model				
	Unit	T50TR	—	—	—
		T50TR	—	—	—
		FT50BET	FT50CEHD	FT50CED	FT50CET
	USA	Canada	Worldwide		
Fuel and oil					
Fuel type				Regular unleaded gasoline	
Fuel rating				86	
				91	
Engine oil type				4-stroke motor oil	
Engine oil grade				SE, SF, SG, SH	
				10W-30, 10W-40, or 20W-40	
Engine oil quantity (with oil filter replacement)				2.2 (2.3, 1.9)	
	L (US qt, Imp qt)				
(without oil filter replacement)				2.0 (2.1, 1.8)	
	L (US qt, Imp qt)				
Gear oil type				Hypoid gear oil	
Gear oil grade				GL-4	
				90	
Gear oil quantity				0.61 (0.64, 0.54)	
	L (US qt, Imp qt)				
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				2.33 (28/12) 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				K	
Electrical					
Battery capacity		Ah (kC)		70-100 (252-360)	
Minimum cold cranking performance		A		380	

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