



GENERAL SPECIFICATIONS

Item	Worldwide	Unit	Model						
			F40AET	F40AED	F40AEHT	F40AEHD	FT50BET	FT50BED	FT50BEHD
	USA, Canada		F50AET	F50AED	F50AEHT	F50AEHD			
			F45AET	F45AED					
			F40TR	F40ER	F40TH	F40EH	T50TR		
			F50TR	F50ER	F50TH	F50EH			
DIMENSIONS									
Overall length		mm (in)	718 (28.3)		1,329 (52.3)		718 (28.3)		1,329 (52.3)
Overall width		mm (in)	361 (14.2)						
Overall height (L)		mm (in)	1,379 (54.3)				1,436 (56.5)		
WEIGHT									
(L)		kg (lb)	108 (283)	104 (229)	112 (247)	108 (238)	112 (247)	108 (238)	112 (247)
PERFORMANCE									
Maximum output (ISO)		kW (hp) @5,500 r/min	29.4 (40) for F40 33.1 (45) for F45 36.8 (50) for F50 and FT50						
Full throttle operating range		r/min	5,000 - 6,000						
Maximum fuel consumption		L (US gal, Imp gal) @6,000 r/min	14.0 (3.70, 3.08) for F40 and F45 17.3 (4.57, 3.81) for F50 and FT50						
POWER UNIT									
Engine type			4 stroke OHC in-line						
Number of cylinders			4						
Total displacement		cm ³ (cu. in)	935 (57.1)						
Bore and stroke		mm × mm (in × in)	63.0 × 75.0 (2.48 × 2.95)						
Compression ratio			9.3:1						
Minimum compression pressure		kPa (kg/cm ² , psi)	900 (9.0, 128)						
Number of carburetor			4						
Control system			Remote control	Tiller handle			Remote control	Tiller handle	
Starting device			Electric						
Ignition control system			CDI (Micro computer)						
Alternator type			Stator						
Alternator output		V-A	12-10						
Enrichment system			Prime start						
Choke valve control			Electro thermal ram and Fuel enrichment valve						
Spark plug			DPR6EA-9						
Spark plug gap		mm	0.9						
Exhaust system			Through propeller boss						
Lubrication system			Wet sump						



Item	Worldwide USA, Canada	Unit	Model						
			F40AET	F40AED	F40AEHT	F40AEHD	FT50BET	FT50BED	FT50BEHD
Lubrication oil pressure at 55 °C (131 °F) with 10W-30 engine oil		kPa (kg/cm ² , psi) @850 r/min	150 (1.5, 21)						
FUEL AND OIL									
Fuel type			Unleaded regular gasoline						
Fuel rating (lower limit)		PON ^(*1) RON ^(*1)	86 91						
Engine oil type			4-stroke motor oil						
Engine oil grade		API SAE	SE, SF, SG, SH 10W-30, 10W-40, 20W-40						
Engine oil capacity (without oil filter)		cm ³ (US oz, Imp oz)	2,000 (67.6/70.4)						
(with oil filter)			2,200 (74.4/77.4)						
Gear oil			Hypoid gear oil						
Gear oil grade		API/SAE	GL-4/#90						
Gear oil capacity		cm ³ (US oz, Imp oz)	430 (14.5/15.1)				610 (20.6/21.5)		
BRACKET									
Trim angle ^(*2)		Degrees	-4 - 20						
Tilt-up angle ^(*2)		Degrees	69						
Steering angle		Degrees	40 + 40						
DRIVE UNIT									
Gear shift positions			F-N-R						
Gear ratio			1.85 (24/13)				2.33 (28/12)		
Gear type			Spiral bevel gear						
Propeller direction (rear view)			Clockwise						
Propeller drive system			Spline						
Propeller mark			G				K		
ELECTRICAL									
Battery capacity		Ah (kC)	40 - 70 (144 - 252)						
Cold cranking		A	380						

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

RON: Research Octane Number

(*2) On 12° boat transom