

General specification

Item	Unit	Model	
		F40BMH	F40BTR
Dimension			
Overall length	mm (in)	1,332 (52.4)	700 (27.6)
Overall width	mm (in)	378 (14.9)	
Overall height (L)	mm (in)	1,369 (53.9)	1,340 (52.8)
Transom height (L)	mm (in)	533 (21.0)	
Boat transom height (L)	mm (in)	508 (20.0)	
Weight (with aluminum propeller) (L)	kg (lb)	88.1 (194)	90.4 (199)
Performance			
Maximum output	kW (HP)	29.4 (40) at 5,500 r/min	
Full throttle operating range	r/min	5,000–6,000	
Maximum fuel consumption	L (US gal, Imp gal)/hr	15.0 (4.0, 3.3) at 6,000 r/min	
Engine idle speed	r/min	850 ± 50	
Power unit			
Type		4-stroke L	
Cylinder quantity		3	
Total displacement	cm ³ (cu. in)	747 (45.6)	
Bore × stroke	mm (in)	65.0 × 75.0 (2.56 × 2.95)	
Compression ratio		9.87	
Control system		Tiller handle	Remote control
Starting system		Manual	Electric
Fuel system		Carburetor	
Enrichment system		Prime Start	
Ignition control system		CDI (micro computer)	
Advanced type		Micro computer	
Ignition timing at 850 r/min	Degree	ATDC 5 ± 2	
Maximum generator output	W, A	85, 6.0	—
	V, A	—	12, 15.0
Spark plug		DPR6EA-9 (NGK)	
Cooling system		Water	
Exhaust system		Propeller boss	
Lubrication system		Wet sump	

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Fuel and oil			
Fuel type		Regular unleaded gasoline	
Engine oil type		4-stroke motor oil	
Engine oil grade ^(*1)	API SAE	SE, SF, SG, SH, SJ, or SL 5W-30, 10W-30, or 10W-40	
Engine oil quantity (without oil filter replacement)	L (US qt, Imp qt)	2.0 (2.11, 1.76)	
(with oil filter replacement)	L (US qt, Imp qt)	2.2 (2.33, 1.94)	
Gear oil type		Hypoid gear oil	
Gear oil grade ^(*2)	API SAE	GL-4 90	
Gear oil quantity	cm ³ (US oz, Imp oz)	430 (14.54, 15.17)	
Bracket unit			
Trim angle (at 12° boat transom)	Degree	-4 to 20	
Tilt-up angle	Degree	66	
Steering angle	Degree	40 + 40	
PTT system			
Fluid type		—	ATF Dexron II
Drive unit			
Gear shift positions		F-N-R	
Gear ratio		2.00 (26/13)	
Reduction gear type		Spiral bevel gear	
Clutch type		Dog clutch	
Propeller shaft type		Spline	
Propeller direction (rear view)		Clockwise	
Propeller mark		G	
Electrical			
Battery minimum capacity			
CCA/SAE	A	—	380
MCA/ABYC	A	—	502
RC/SAE	minute	—	124
Electrolyte specific gravity at 20 °C (68 °F)		—	1.280

(*1) If the recommended engine oil grades are not available, use engine oil with an API classification of SH, SJ, or SL and an SAE classification of 15W-40, 20W-40, or 20W-50.

(*2) Meeting both API and SAE requirements

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