



## GENERAL SPECIFICATIONS

Item	Unit		Model	
			F40BMHD, WHD	F40BED, F40BET
			F40MH	F40ER, F40TR
<b>DIMENSIONS</b>				
Overall length		mm (in)	1,332 (52.4)	700 (27.6)
Overall width		mm (in)	378 (14.9)	378 (14.9)
Overall height				
(S)		mm (in)	1,217 (47.9)	1,217 (47.9)
(L)		mm (in)	1,340 (52.8)	1,340 (52.8)
(X)		mm (in)	1,454 (57.2)	1,454 (52.7)
<b>WEIGHT</b>				
(S)		kg (lb)	—	86.1 (189.4)
(L)		kg (lb)	96.9 (213.2)	90.4 (198.9)
(X)		kg (lb)	100.2 (220.4)	—
<b>PERFORMANCE</b>				
Maximum output (ISO)		kW (hp) @5,500 r/min	29.4 (40)	
Full throttle operating range		r/min	5,000 - 6,000	
Maximum fuel consumption		L (US gal, Imp gal) @6,000 r/min	15.0 (3.90, 3.15)	
<b>POWER UNIT</b>				
Engine type			4 stroke SOHC in-line	
Number of cylinders			3	
Total displacement		cm <sup>3</sup> (cu. in)	747 (44.8)	
Bore and stroke		mm (in)	65.0×75.0 (2.55×2.95)	
Compression ratio			9.87	
Minimum compression (*1) pressure		kPa (kgf/cm <sup>2</sup> , psi)	1,210 (12.1, 175.45)	
Number of carburetor			3	
Control system			Tiller control, Remote control	
Starting device			Electric and Manual	
Ignition control system			CDI (Microcomputer)	
Alternator type			Stator	
Alternator output		V-A	Electric : 12-15 (Manual : 6A (80W))	
Enrichment system			PrimeStart	

(\*1) Measuring conditions :

Ambient temperature 20°C (68°F), wide open throttle, plugs disconnected from all cylinders, engine speed 400r/min or higher.

The figures are for reference only.



Item	Worldwide		Unit	Model	
				F40BMHD, WHD	F40BED, F40BET
	USA, Canada			F40MH	F40ER, F40TR
Spark plug			mm	DPR6EA-9	
Spark plug gap				0.9	
Exhaust system				Through propeller boss	
Lubrication system				Wet sump	
Lubrication oil pressure at 55 °C (131 °F) with 10W-30 engine oil			kPa (kgf/cm <sup>2</sup> , psi) @850 r/min	21.5 (0.22, 3.12)	
<b>FUEL AND OIL</b>					
Fuel type				Unleaded regular gasoline	
Fuel rating (lower limit)			PON <sup>(*1)</sup>	86	
			RON <sup>(*1)</sup>	91	
Engine oil type				4 stroke motor oil	
Engine oil grade				SAE 10W-30, 10W-40, 20W-40 (API SE, SF, SG, SH)	
Engine oil capacity (without oil filter)			cm <sup>3</sup> (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				SAE #90 (API GL-4)	
Gear oil capacity			cm <sup>3</sup> (US oz, Imp oz)	430 (14.5/15.1)	
<b>BRACKET</b>					
Trim angle <sup>(*2)</sup>			Degrees	-4 - 20	
Tilt-up angle <sup>(*2)</sup>			Degrees	66	
Steering angle			Degrees	40+40	
<b>DRIVE UNIT</b>					
Gear shift positions				F-N-R	
Gear ratio				2.0 (26/13)	
Gear type				Spiral bevel	
Propeller direction (rear view)				Clockwise	
Propeller drive system				Spline	
Propeller mark				G	
<b>ELECTRICAL</b>					
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