



GENERAL SPECIFICATIONS

Item	Unit	Model		
		25MH	25EH	25ER
Overall length	mm (in.)	936 (36.9)		615 (24.2)
Overall width	mm (in.)	358 (14.1)		304 (12.0)
Overall height (S)	mm (in.)	1,068 (42.0)		—
(L)	mm (in.)	1,195 (47.0)		
Boat transom height (S)	mm (in.)	381 (15.0)		—
(L)	mm (in.)	508 (20.0)		
Weight (S)	kg (lb.)	49.0 (108.0)	51.5 (113.5)	— —
(L)	kg (lb.)	50.5 (111.3)	53.0 (116.8)	51.0 (112.4)
Average maximum power	KW (HP) at rpm	18.7 (25.0) 5,500		
Maximum operating range	rpm	5,000 ~ 6,000		
Maximum fuel consumption	ℓ (US gal, Imp gal)/h	12.0 (3.2, 2.6)		
Engine type	at rpm Stroke	5,500 2		
Number of cylinders		2		
Total displacement	cm ³ (cu.in)	395 (24.1)		
Bore and stroke	mm (in.)	67 × 56 (2.64 × 2.20)		
Compression ratio		7.2		
Spark plug (NGK)		B7HS-10		
Number of carburetor		2		
Carburettor starting system		Choke		
Intake system		Reed valve		
Scavenging system		Loop charged		
Exhaust system		Through propeller boss		
Lubrication system		Oil injection		
Cooling system		Water		
Ignition system		C.D.I		
Starting system		Manual	Manual and Electric	



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		25MH	25EH	25ER
Fuel		Regular Gasoline		
Fuel rating	P.O.N.*1	Min. 86		
Oil tank capacity	ℓ (US qt, Imp qt)	0.7 (0.7, 0.6)		
Mixing ratio		—		
Engine oil type		Two-cycle outboard motor oil*2		
Engine oil grade		TC-W3		
Gear oil type		Hypoid SAE #90*3		
Gear oil quantity	cm ³ (US oz, Imp oz)	370 (12.5, 13.0)		
Tilt angle	Degree	8, 12, 15.5, 19, 23		
Tilt-up angle	Degree	67		
Shallow water angle	Degree	30, 36		
Steering angle	Degree	40 + 40		
Transmission		Forward-Neutral-Reverse		
Gear ratio		13 : 27 (2.08)		
Reduction system		Spiral bevel gear		
Clutch type		Dog clutch		
Propeller direction (Rear view)		Clockwise		
Propeller drive system		Spline		
Propeller series mark		F		
Propeller : (Number of blade × diameter × pitch)	in	2 × 9-7/8 × 10-1/2 2 × 9-7/8 × 12 3 × 9-7/8 × 8 3 × 10-5/8 × 8-1/4 3 × 9-7/8 × 9 3 × 9-7/8 × 10-1/2 3 × 9-7/8 × 11-1/4 3 × 9-7/8 × 12 3 × 9-3/16 × 12-1/4 3 × 9-7/8 × 13 3 × 9-3/16 × 13-3/4 3 × 9-7/8 × 14		

*1 Pump Octane Number; (Research octane + Motor octane)/2
 *2 YAMALUBE two-cycle outboard motor oil is recommended in U.S.A.
 YAMALUBE 1 is recommended in CANADA
 *3 GEAR CASE LUBE is recommended in U.S.A.