



GENERAL SPECIFICATIONS

Item	Unit	Model								
		25JM	25JMO	25JEO	30DM	30DMO	30DEMO	30DE	30DEO	30DRO
		USA, CANADA								
Over-all length	mm (in)	993 (39.1)		662 (26.1)	993 (39.1)			662 (26.1)		
Over-all width	mm (in)	360 (14.2)		307 (12.1)	360 (14.2)			307 (12.1)		
Over-all height (S)	mm (in)	1,158 (45.6)		1,140 (44.9)	1,158 (45.6)		—		1,140 (44.9)	1,158 (45.6)
Over-all height (L)	mm (in)	1,279 (50.4)		1,261 (49.6)	1,279 (50.4)			1,261 (49.6)		1,279 (50.4)
Boat transom height (S)	mm (in)	381 (15.0)				—			381 (15.0)	
Boat transom height (L)	mm (in)	508 (20.0)								
Weight (S)	kg (lb)	59 (130.1)	60 (132.3)		59 (130.1)	60 (132.3)	—		60 (132.3)	59 (130.1)
Weight (L)	kg (lb)	61 (134.5)	62 (136.7)		61 (134.5)	62 (136.7)	64.5 (142.2)	61 (134.5)	62 (136.7)	61 (134.5)
Maximum output	kW (PS)/rpm	18.4 (25)/5,000			22.1 (30)/5,000					
Speed range at full-throttle	rpm	4,500 ~ 5,500								
Maximum fuel consumption	ℓ (US gal)/h at rpm	11.2 (3.0)/5,500			13 (3.4)/5,500					
Engine type	Stroke	2								
Number of cylinders		3								
Total displacement	cm ³ (cu.in)	496 (30.3)								
Bore and Stroke	mm × mm (in × in)	59.5 × 59.5 (2.34 × 2.34)								
Compression ratio		6.8								
Standard spark plug [NGK] (Noise suppressor) [NGK]		B7HS-10 BR7HS-10								
Carburetors		3								
Carburetor starting system		Choke								
Intake system		Reed valve								
Scavenging system		Loop charged								
Exhaust system		Through propeller boss								
Lubrication system		Pre-mixed fuel & oil	Oil injection		Pre-mixed fuel & oil	Oil injection		Pre-mixed fuel & oil	Oil injection	
Cooling system		Water								
Ignition system		C.D.I.								
Starting system		Manual		Electric	Manual		Manual & Electric	Electric		Manual
Fuel		Regular gasoline								
Fuel rating	P.O.N.*1	Min. 86								
Engine oil type		Two-cycle outboard motor oil*2								
Engine oil grade		TC-W3								
Engine oil tank capacity	ℓ (US gal)	0.8 (0.9)								

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

*2: YAMALUBE two-cycle outboard motor oil is recommended in U.S.A.
YAMALUBE 1 is recommended in CANADA.



Item	Unit	Model								
		25JM	25JMO	25JEO	30DM	30DMO	30DEMO	30DE	30DEO	30DRO
		25MH	—	—	—	30MH	30EH	—	30ER	—
Gear oil (type)		Hypoid SAE #90 *1								
Gear oil (capacity)	cm ³ (Imp oz, US oz)	200 (7.04, 6.76)								
Tilt angle	Degree	4, 8, 12, 16, 20								
Tilt-up angle (From transom)	Degree	70								
Shallow water angle	Degree	Tilt angle + 18								
Steering angle	Degree	40 + 40								
Transmission		F-N-R *2								
Gear ratio		1.85 (24/13)								
Reduction system		Spiral bevel gear								
Clutch type		Dog clutch								
Propeller direction (Rear view)		Clockwise								
Propeller drive system		Spline								
Propeller type		F								
Propeller		Aluminium:			Stainless:			Dual thrust:		
Number of blades x diameter	in.	2 x 9-7/8 x 10-1/2 2 x 9-7/8 x 12 3 x 9-7/8 x 8 3 x 9-7/8 x 9 3 x 9-7/8 x 10-1/2 3 x 9-7/8 x 11-1/4 3 x 9-7/8 x 12 3 x 9-7/8 x 13 3 x 9-7/8 x 14			3 x 9-1/8 x 13			3 x 10-5/8 x 8-1/4		

*1: GEAR CASE LUBE is recommended in U.S.A.

*2: Forward-Neutral-Reverse