



C20000-0

GENERAL SPECIFICATIONS

Item	Unit	Model			
		30MH, 30DMO	30EH, 30DEMO	30ER, 30DEO	30DRO
Overall length	mm (in)	993 (39.1)		662 (26.1)	
Overall width	mm (in)	360 (14.2)		307 (12.1)	
Overall height (S)	mm (in)	1,158 (45.6)	—	1,140 (44.9)	1,158 (45.6)
Overall height (L)	mm (in)	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)	60.0 (132.2)	—	60.0 (132.2)	59.0 (130.1)
Weight (L)	kg (lb)	62.0 (136.7)	64.5 (142.2)	62.0 (136.7)	61.0 (134.5)
Maximum out put	kW (PS)/rpm	22.1 (30.0)/5,000			
Speed range at full-throttle	rpm	4,500~5,500			
Maximum fuel consumption	ℓ (US gal)/h at rpm	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 (2.3 × 2.3)			
Compression ratio		6.8			
Standard spark plug		B7HS-10			
(Noise suppressor) [NGK]		BR7HS-10			
Carburetor		3			
Carburetor starting system		Choke			
Intake system		Reed valve			
Scavenging system		Loop charged			
Exhaust system		Propeller boss			
Lubrication system		Oil injection system			
Cooling system		Water			
Ignition system		C.D.I.			
Starting system		Electric			
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			
		30MH, 30DMO	30EH, 30DEMO	30ER, 30DEO	30DRO
Gear oil (type)		Hypoid SAE #90 *1			
Gear oil (capacity)	cm ³ (Imp oz, US oz)	200 (7.0, 6.8)			
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		24/13 (1.85)			
Reduction system		Spiral bevel gear			
Clutch type		Dog clutch			
Propeller direction (Rear view)		Clock wise			
Propeller drive system		Spline			
Propeller type		F			
Propeller		Aluminium:	Stainless:	Dual Thrust:	
Number of blades × diameter	in.	2×9-7/8×10-1/2	3×9-1/8×13	3×10-5/8×8-1/4	
		2×9-7/8×12			
		3×9-7/8×8			
		3×9-7/8×9			
		3×9-7/8×10-1/2			
		3×9-7/8×11-1/4			
		3×9-7/8×12			
		3×9-7/8×13			
		3×9-7/8×14			

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

*2 Forward-Neutral-Reverse