



C20000-0

GENERAL SPECIFICATIONS

Item	Unit	Model			
		115	P115	130	L130
Overall length	mm (in)	808 (31.8)			
Overall width	mm (in)	582 (22.9)			
Overall height	(L) mm (in)	1,472 (58.0)			—
	(UL) mm (in)	1,599 (63.0)	—	1,599 (63.0)	
Boat transom height	(L) mm (in)	508 (20.0)			—
	(UL) mm (in)	635 (25.0)	—	635 (25.0)	
Weight	(L) kg (lb)	168 (370)			—
	(UL) kg (lb)	172 (379)	—	172 (379)	
Output (ISO 8665)	kW (hp)/rpm	85.8 (115)/5,000		97.0 (130)/5,500	
Full throttle speed range	rpm	4,500~5,500		5,000~6,000	
Fuel consumption (Maximum)	L (US gal, Imp gal)/h at rpm	49.0 (12.95, 10.78) /5,500		56.0 (14.80, 12.32) /5,800	
Engine type	Stroke	2			
Arrangement/Number of cylinders		V-4			
Total displacement	cm ³ (cu. in)	1,730 (105.6)			
Bore×Stroke	mm×mm (in×in)	90×68 (3.54×2.68)			
Compression ratio		6.5		6.8	
Compression pressure	kPa (kg/cm ²)	941 (9.41)		1,030 (10.30)	
Spark plug	NGK number	BR8HS-10		BR9HS-10	
Number of carburetors		2			
Carburetor 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		Electric			
Advance type		Mechanical			
Fuel type		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 capacity (Engine tank)	L (US qt, Imp qt)	0.9 (0.95, 0.79)			
(Remote tank)	L (US qt, Imp qt)	10.5 (11.10, 9.24)			
Gear oil type		Hypoid gear oil SAE #90 (*3)			
Gear oil capacity	cm ³ (US oz, Imp oz)	760 (25.70, 26.75)			715 (24.17, 25.17)
Trim angle (At 12° boat transom)	Degree	-4~16	-4~15	-4~16	
Tilt angle (At 12° boat transom)	Degree	70			
Steering angle	Degree	35+35			
Gear shift position		F-N-R (*4)			
Gear ratio		13 : 26 (2.00)			
Reduction gear type		Spiral bevel gear			
Clutch type		Dog clutch			
Propeller shaft type		Spline			
Propeller direction (Rear view)		Clockwise			Counter-clockwise

*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.

*4: Forward-Neutral-Reverse



Item	Unit	Model				
		150	L150	P150	175	P175
Overall length	mm (in)	821 (32.3)				
Overall width	mm (in)	582 (22.9)				
Overall height	(L) mm (in)	1,602 (63.1)	—	1,602 (63.1)		
	(UL) mm (in)	1,728 (68.0)		—	1,728 (68.0)	—
Boat transom height	(L) mm (in)	508 (20.0)	—	508 (20.0)		
	(UL) mm (in)	635 (25.0)		—	635 (25.0)	—
Weight	(L) kg (lb)	193 (425)	—	196 (432)	193 (425)	196 (432)
	(UL) kg (lb)	197 (434)	199 (439)	—	197 (434)	—
Output (ISO 8665)	kW (hp)/rpm	111.9 (150)/5,000			130.6 (175)/5,000	
Full throttle speed range	rpm	4,500~5,500				
Fuel consumption (Maximum)	L (US gal, Imp gal)/h at rpm	60.0 (15.85, 13.20) /5,500	63.5 (16.78, 13.79)/5,500	67.0 (17.70, 14.75)/5,500	80.0 (21.14, 17.6)/5,500	
Engine type	Stroke	2				
Arrangement/Number of cylinders		V-6				
Total displacement	cm ³ (cu. in)	2,596 (158.3)				
Bore×Stroke	mm×mm (in×in)	90×68 (3.54×2.68)				
Compression ratio		5.8	5.7	5.9	5.6	
Compression pressure	kPa (kg/cm ²)	745 (7.45)	706 (7.06)	892 (8.92)		
Spark plug	NGK number	BR8HS-10				
Number of carburetors		3				
Carburetor 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		Electric				
Advance type		Mechanical				
Fuel type		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 capacity (Engine tank)	L (US qt, Imp qt)	0.9 (0.95, 0.79)				
	(Remote tank) L (US qt, Imp qt)	10.5 (11.10, 9.24)				
Gear oil type		Hypoid gear oil SAE #90 (*3)				
Gear oil capacity	cm ³	980	870	980		
	(US oz, Imp oz)	(33.13, 34.50)	(29.41, 30.62)	(33.13, 34.50)		
Trim angle (At 12° boat transom)	Degree	-4~16				
Tilt angle (At 12° boat transom)	Degree	70				
Steering angle	Degree	35+35				
Gear shift position		F-N-R (*4)				
Gear ratio		14 : 26 (1.86)	14 : 28 (2.00)	14 : 26 (1.86)		
Reduction gear type		Spiral bevel gear				
Clutch type		Dog clutch				
Propeller shaft type		Spline				
Propeller direction (Rear view)		Clockwise	Counter-clockwise	Clockwise		

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YAMALUBE 1 is recommended in CANADA

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

*4: Forward-Neutral-Reverse



Item	Unit	Model			
		200	L200	P200	225
Overall length	mm (in)	821 (32.3)			
Overall width	mm (in)	582 (22.9)			
Overall height	(L) mm (in)	1,602 (63.1)	—	1,602 (63.1)	
	(UL) mm (in)	1,728 (68.0)		—	
Boat transom height	(L) mm (in)	508 (20.0)	—	508 (20.0)	
	(UL) mm (in)	635 (25.0)		—	
Weight	(L) kg (lb)	193 (425)	—	196 (432)	
	(UL) kg (lb)	197 (432)	199 (439)	—	
Output (ISO 8665)	kW (hp)/rpm	149.2 (200)/5,000		149.2 (200)/5,500	167.9 (225)/5,500
Full throttle speed range	rpm	4,500~5,500		5,000~6,000	
Fuel consumption (Maximum)	L (US gal, Imp gal)/h at rpm	75.0 (19.82, 16.50) /5,500		88.0 (23.25, 19.30)/6,000	94.0 (24.83, 20.68)/5,800
		2			
Engine type	Stroke	V-6			
Arrangement/Number of cylinders		2,596 (158.3)			
Total displacement	cm ³ (cu. in)	90×68 (3.54×2.68)			
Bore×Stroke	mm×mm (in×in)				
Compression ratio		5.9		6.0	5.9
Compression pressure	kPa (kg/cm ²)	892 (8.92)		834 (8.34)	
Spark plug	NGK number	BR8HS-10		BR9HS-10	
Number of carburetors		3			
Carburetor starting system		Choke			Prime starter
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		Electric			
Advance type		Mechanical			Micro computer
Fuel type		Regular gasoline			
Fuel rating	P.O.N. (*1)	Min. 86			Min. 89
Engine oil type		Two-cycle outboard motor oil (*2)			
Engine oil grade		TC-W3			
Engine oil capacity (Engine tank)	L (US qt, Imp qt)	0.9 (0.95, 0.79)			
	(Remote tank) L (US qt, Imp qt)	10.5 (11.10, 9.24)			
Gear oil type		Hypoid gear oil SAE #90 (*3)			
Gear oil capacity	cm ³ (US oz, Imp oz)	980 (33.13, 34.50)	870 (29.41, 30.62)	980 (33.13, 34.50)	
Trim angle (At 12° boat transom)	Degree	-4~16			
Tilt angle (At 12° boat transom)	Degree	70			
Steering angle	Degree	35+35			
Gear shift position		F-N-R (*4)			
Gear ratio		14 : 26 (1.86)			15 : 27 (1.80)
Reduction gear type		Spiral bevel gear			
Clutch type		Dog clutch			
Propeller shaft type		Spline			
Propeller direction (Rear view)		Clockwise	Counter-clockwise	Clockwise	

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 *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.
 *4: Forward-Neutral-Reverse



Item	Unit	Model			
		115, 130	150~225	L130	L150, L200
Propeller direction		Clockwise	Clockwise	Counter clockwise	Counter clockwise
Propeller shaft type		Spline			
Propeller series mark		K	M	KL	ML

Propeller selection

Item	Unit	Model			
		115, 130	150~225	L130	L150, L200
Propeller: Material	in	Stainless steel			
Available propeller (Number of blades × Diameter × pitch)		3 × 13-1/2" × 14"	3 × 15-3/4" × 13"	3 × 13" × 17"	3 × 15-1/4" × 15"
		3 × 13-1/2" × 16"	3 × 15-1/4" × 15"	3 × 13" × 19"	3 × 15-1/4" × 17"
		3 × 13" × 17"	3 × 13-3/4" × 17"	3 × 13" × 21"	3 × 15-1/4" × 19"
		3 × 13" × 19"	3 × 13-3/4" × 19"		3 × 14-7/8" × 21"
		3 × 13" × 21"	3 × 13-3/4" × 21"		3 × 13-3/4" × 17"
		3 × 13" × 23"	3 × 13-3/8" × 23"		3 × 13-3/4" × 19"
		3 × 13" × 25"	3 × 13-3/8" × 25"		3 × 13-3/4" × 21"
				3 × 13-3/4" × 23"	
Material		in	Aluminium		
Available propeller (Number of blades × Diameter × pitch)	3 × 14" × 11"		3 × 15-1/4" × 15"		
	3 × 13-5/8" × 13"		3 × 14-5/8" × 16"		
	3 × 13-1/2" × 15"		3 × 14-1/2" × 17"		
	3 × 13-1/4" × 17"		3 × 14" × 19"		
	3 × 13" × 19"		3 × 13-3/4" × 21"		
	3 × 12-5/8" × 21"		3 × 13-1/2" × 23"		
	3 × 13" × 23"				
3 × 13" × 25"					
Material	in	Pro series (Stainless steel)			
Available propeller (Number of blades × Diameter × pitch)		P115	P150 P175 P200		
		3 × 13-1/2" × 19"	3 × 14-1/2" × 21"		
		3 × 13-1/2" × 21"	3 × 14-1/2" × 23"		
		3 × 13-1/2" × 23"	3 × 14-1/2" × 25"		
		3 × 14-1/2" × 27"			