

SPECIAL TOOLS AND SERVICE SPECIFICATIONS

TECHNICAL DATA

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	HP	55
ENGINE	Full Throttle Operating Range RPM	4500–5500
	Power	55 HP (41.0 kw) @ 5000 RPM
	Idle RPM in Gear	800 ± 25
	Weight	191 lbs. (86.6 kg)
	Lubrication	<i>Evinrude/Johnson</i> XD30 formula outboard oil Refer to Oil Requirements on p. 37.
	Engine Type	In-line 2 cylinder
	Displacement	45 cu. in. (737 cm ³)
	Bore	3.1875 in. (80.96 mm)
	Stroke	2.820 in. (71.63 mm)
	Standard Bore	3.1870 to 3.1880 in. (80.95 to 80.98 mm) To bore oversize, add piston oversize dimension to standard bore
	Top Crankshaft Journal	1.4986 to 1.4991 in. (38.06 to 38.08 mm)
	Center Crankshaft Journals	1.3745 to 1.3749 in. (34.91 to 34.92 mm)
	Bottom Crankshaft Journal	1.1810 to 1.1815 in. (30.00 to 30.01 mm)
	Rod Crankpin	1.1823 to 1.1828 in. (30.03 to 30.04 mm)
	Piston Ring End Gap, Both	0.010 to 0.022 in. (0.25 to 0.56 mm)
	Test Propeller	P/N 382861
	FUEL	Fuel/Oil Ratio
Carburetion		Two single-throat carburetor, float feed
Calibration		Adjustable low speed Fixed intermediate and high speed
Low-Speed Setting		Refer to FUEL SYSTEM section.
Starting Enrichment		Manual Primer
Carburetor Float Level Setting		Float gauge, P/N 324891
Carburetor Float Drop Setting		1 1/8 to 1 5/8 in. (28 to 41 mm)
Preferred Fuel		Regular unleaded, plus grade unleaded, premium unleaded gasolines
Acceptable Fuel		Any of the above gasolines with 10% Ethanol or 5% Methanol with 5% co-solvents
Minimum Octane		87 AKI (R+M)/2 or 90 RON
Additives	2+4 [®] Fuel Conditioner, Fuel System Cleaner, Carbon Guard Use only <i>Evinrude/Johnson</i> recommended fuel additives. The use of other additives may result in engine damage.	
	See Fuel Requirements on p. 36 for additional information	