

**SPECIAL TOOLS AND SERVICE SPECIFICATIONS**  
**TECHNICAL DATA**

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	HP	25	30	
	Full Throttle Operating Speed	5000-5600 RPM	5500-6100 RPM	
	Power	25 HP (18.4 kw) @ 5600 RPM	30 HP (22.1 kw) @ 6100 RPM	
	Idle Speed (in-gear)	900 ± 50 RPM		
	Weight (without engine oil)	<b>Remote Models:</b> 212 lbs. (96 kg) <b>TEL Models:</b> 216 lbs. (98 kg)		
	Lubrication	<b>For initial 10 hour break-in:</b> Evinrude/Johnson 4-Stroke Oil, P/N 775597 <b>After break-in:</b> Evinrude/Johnson Ultra 4-Stroke Oil, P/N 775594		
	Engine Type	Four-stroke, three-cylinder SOHC		
<b>ENGINE</b>	Displacement	36.4 cu. in. (597 cm <sup>3</sup> )		
	Bore	2.56 in. (65 mm)		
	Stroke	2.36 in. (60 mm)		
	Standard Bore	2.5591 to 2.5598 in. (65.000 to 60.020 mm) To bore oversize, add piston oversize dimension to standard bore.		
	Crankshaft Journal	1.5741 to 1.5748 in. (39.982 to 40.000 mm)		
	Rod Crankpin	1.4166 to 1.4173 in. (35.982 to 36.000 mm)		
	Valve Clearance (cold engine)	0.005 to 0.007 in. (0.13 to 0.17 mm)		
	Compression Ring End Gap	<b>Top:</b> 0.005 to 0.011 in. (0.12 to 0.27 mm) <b>2nd:</b> 0.014 to 0.020 in. (0.35 to 0.50 mm)		
	Piston-to-Cylinder Bore Clearance	0.004 in. (0.10 mm) maximum		
	Test Propeller	P/N 5032468 (also requires bushing, P/N 5034620, and stopper, P/N 5034621)		
	<b>FUEL</b>	Carburetion	Three single-throat carburetor, float feed	
		Calibration	Adjustable low speed; Fixed intermediate and high speed	
		Starting Enrichment	<b>TEL Models:</b> Manual choke <b>Remote Models:</b> Choke solenoid	
		Carburetor Float Height	0.575 ± 0.040 in. (14.6 ± 1 mm)	
		Preferred Fuel	Regular unleaded	
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 BRP recommended fuel additives. The use of other additives may result in engine damage.			