

## SPECIFICATIONS

Model Numbers	10824, 15804 - Standard length (15" transom) (381 mm) Manual start 10825, 15805 - Long shaft (20" transom) (508 mm) Manual start 15854 - Standard length (15" transom) (381 mm) Electric start 10855, 15855 - Long shaft (20" transom) (508 mm) Electric start 10835 - Long shaft, electric start with reverse thrust kit	Speed control	On steering handle Remote control available	
		Gear shift control	Forward, neutral and reverse	
		Weight (without fuel tank)	Models 10824, 15804 - 72 lbs. (32.7 kg) Models 10825, 15805 - 76 lbs. (34.5 kg) Model 15854 - 77.5 lbs. (35.2 kg) Models 10855, 15855 - 81.5 lbs. (37.0 kg) Model 10835 - 81.5 lbs. (37.0 kg) Fuel tank weight 11 pounds (5.0 kg) net	
9.9 Horsepower (B.I.A. certified) at 5000 rpm Full throttle operating range 4500 to 5500 rpm Test wheel Part Number 386537 Tank Test - 5400 rpm standard 4200 rpm with reverse thrust kit		Fuel capacity	6 gallons (22.7 litres)	
15 Horsepower (B.I.A. certified) at 6000 rpm Full throttle operating range 5500 to 6500 rpm Test wheel Part Number 386537 Tank test - 6200 rpm standard 4800 rpm with reverse thrust kit		Electrical system (Electric start models only)	5 amp flywheel alternator	
		Starter	Manual - Self-winding Electric - 12 volt, and rope	
		Starter amperage draw while cranking	55 Amps max.	
		Ignition	Breakerless C.D. magneto	
		Spark plug	Champion L78V	
		Alternate spark plug	Champion L77J4 or AC M40FFX gapped at 0.040" (1.0 mm)	
		Spark plug torque	17-1/2 - 20-1/2 foot-pounds (24 - 27 N-m)	
		Charge coil resistance		
		Rope	575 ± 75 ohms	
		Electric	475 ± 75 ohms	
		Ignition coil	Part No. 581819	
Engine type 2 cyl., 2 cycle, alternate firing Bore and stroke 2.188" bore x 1.760" stroke (55.58 x 44.70 mm) Piston displacement 13.20 cubic inches (216 cm <sup>3</sup> ) Piston ring sets (2 per set) standard Part Number 386279 0.030" oversize Part Number 386280 Width of ring Upper - 0.0700 - 0.0695 in. (1.778 - 1.765 mm) Lower - 0.0615 - 0.0625 in. (1.562 - 1.588 mm) Piston less rings standard Part Number 387660 .030" oversize Part Number 387661 Crankshaft size Top journal 0.8762 - 0.8757 in. (22.255 - 22.243 mm) Center journal 0.8125 - 0.8120 in. (20.638 - 20.625 mm) Bottom journal 0.8125 - 0.8120 in. (20.638 - 20.625 mm) Connecting rod crank pin 1.0635 - 1.0630 in. (27.013 - 27.000 mm) Carburetion Single barrel, float feed, fixed high speed adjustable low-speed, manual choke High speed orifice plug (9.9 hp) Part Number 322752 Identification Number 38 High speed orifice plug (15 hp) Part Number 322293 Identification Number 54 Float level setting Flush with rim of casting Inlet needle seat 0.065 - 0.062" (1.65 - 1.57 mm) Use #52 drill as gage Cooling system Thermostatically controlled Combination positive displacement and centrifugal pump Propeller gear ratio 12:29 Propeller supplied with motor 3 blade, 9-1/2" dia. x 10" pitch Propeller supplied with sailboat model 3 blade, 9-1/4" dia. x 8" pitch Propeller options 3 blade, 10" dia. x 5" pitch 2 blade weedless 9" dia. x 10" pitch		<b>IGNITION COIL TEST SPECIFICATIONS</b>		
			Stevens Model ST-75	
			Reverse Polarity (Switch Setting CD)	1.6
			Stevens Tester Model M.A.-75 or M.A.-80	
			Switch **A	Index Adjustment 20
			Merc-O-Tronic with Capacitor Discharge Adapter Model 55-980	
			Operating Amperage	Primary Resistance
			1.7	0.1 Ohm or Less
			*Secondary Continuity	
			5 (Approx.)	
			**Use Model CD-1 Adapter Red test clip to orange/black Black test clip to orange	
			Graham Tester Model 51	
			Maximum Secondary . . . . . 1,000 ohms	
			Maximum Primary . . . . . 0.6 ohm	
			Maximum Primary DC ohms (point test) . . . . . 1.0 ohms	
			Coil Index . . . . . 60	
			Coil Test Minimum AMPLIFIED . . . . . 29 (With secondary circuit "open.") Hi tension lead disconnected	
			Gap Index . . . . . 60 (Coil must fire spark gap on tester at this setting.)	
			<b>IGNITION COIL OHMMETER TEST</b>	
			Primary Low Ohms	Secondary High Ohms
			0.1 ± 0.05	275 ± 25

\*Horsepower established at sea level. Allow 2% reduction per 1000' (300 m) above sea level.