

SPECIFICATIONS

<p>Model numbers</p> <p>Standard length (15") J10RCI, E10RCI Manual start J15RCI, E15RCI</p> <p>Long shaft (20") J10RLCI, E10RLCI Manual start J15RLCI, E15RLCI Standard length J15ELCI, E15ELCI</p> <p>Electric start</p> <p>Long shaft, J10ELCI, E10ELCI Electric start J15ELCI, E15ELCI</p> <p>Sailboat model - Long shaft, J10SELCI, E10SELCI Electric start, Reverse thrust kit</p>	<p>Speed control On steering handle Remote control available</p> <p>Gear shift control Forward, neutral and reverse</p> <p>Weight (without fuel tank)</p> <p>Standard length Manual 72 lb (32.7 kg) Long shaft, Manual 77 lb (35.0 kg) Standard length Electric 77 lb (35.0 kg) Long shaft, Electric 82 lb (37.2 kg) Sailboat model 82 lb (37.2 kg)</p> <p>Fuel capacity 6 gallons (22.7 litres)</p> <p>Electric system (Electric start models only) 5 amp flywheel alternator Manual - Self-winding Electric - 12 volt, and rope</p> <p>Starter</p> <p>Starter amperage draw while cranking 55 Amps max.</p> <p>Ignition Breakerless CD magneto</p> <p>Spark plug Champion L77J4 or AC M40FFX Alternate spark plug Champion L78V or ACV40FFK gapped at 0.040" (1.0 mm)</p> <p>Spark plug torque 17-1/2 - 20-1/2 ft-lbs (24 - 27 N·m)</p> <p>Charge coil resistance</p> <p>Rope 575 ± 75 ohms Electric 475 ± ohms</p> <p>Ignition coil Part No. 582366</p>	
<p>9.9 Horsepower (7 kW) (BIA 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</p> <p>15 Horsepower (10.6 kW) (BIA certified) at 6250 Full throttle operating range 5500 to 7000 rpm Test wheel Part Number 386537 Tank test - 6200 rpm standard 4800 rpm with reverse thrust kit</p>		
<p>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 cm³) Piston ring sets (2 per set)</p> <p>standard Part Number 386279 0.030" oversize Part Number 386280</p> <p>Width of ring</p> <p>Upper - 0.0700 - 0.0695 in. (1.788 - 1.765 mm) Lower - 0.0615 - 0.0625 in. (1.562 - 1.588 mm)</p> <p>Piston less rings</p> <p>standard Part Number 387660 0.030" oversize Part Number 387661</p> <p>Crankshaft size</p> <p>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)</p> <p>Crank pin size 0.8120 - 0.8125 in. (20.625 - 20.637 mm)</p> <p>Carburetion Single barrel, float feed, fixed high speed, adjustable low speed, manual choke</p> <p>High speed orifice plug (9.9) †Part Number 323637 Identification Number 40</p> <p>High speed orifice plug (15) †Part Number 322293 Identification Number 54</p> <p>Float level setting Between steps on gauge No. 324891</p> <p>Float drop setting 1-1/8" to 1-1/2" (28 - 38 mm) from carburetor body</p> <p>Inlet needle seat 0.053 - 0.050" (1.35 - 1.27 mm) Use #55 drill as gauge</p> <p>Cooling system Thermostatically and pressure controlled Combination positive displacement and centrifugal pump</p> <p>Propeller gear ratio 12:29 (.414)</p> <p>Propeller supplied with motor 3 blade, 9-1/2" dia. x 10" pitch</p> <p>Propeller supplied with sailboat model 3 blade, 9-1/4" dia. x 8" pitch</p> <p>Propeller options 3 blade, 10" dia. x 5" pitch 2 blade weedless 9" dia. x 10" pitch 3 blade SST 9" dia. x 9" pitch</p>		
IGNITION COIL TEST SPECIFICATIONS		
Stevens Model ST-75		
Reverse Polarity (Switch Setting CD)	1.1	
Stevens Tester Model M.A.-75 or M.A.-80		
<u>Switch</u>	<u>Index Adjustment</u>	
**A	20	
Merc-O-Tronic with Capacitor Discharge Adapter Model 55-980 (Reverse Polarity)		
Operating Amperage	Primary Resistance	*Secondary Continuity
1.4	0.1 Ohm or Less	5 approx.
**Use Model CD-1 Adapter Red test clip to orange/black Black test clip to orange		
<p>Graham Tester Model 51</p> <p>Maximum Secondary 400 ohms Maximum Primary 0.40 ohm Primary Continuity Point Test Scale 0.1 ohm maximum Coil Index 50 Coil Test Minimum AMPLIFIED 26 (With secondary circuit open)</p> <p style="text-align: right;">Hi tension lead disconnected</p> <p>Gap Index 50 (Coil must fire spark gap on tester at this setting.)</p>		
IGNITION COIL OHMMETER TEST		
Primary Low Ohms		Secondary High Ohms
0.1 ± 0.05		275 ± 50

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

†Orifice part numbers and size are subject to change due to atmospheric conditions, manufacturing changes, and other conditions beyond our control. Check with current part catalogs or Service Bulletins before making any jet changes.