

SPECIFICATIONS

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| Model Numbers | 25602 - Standard length (15" transom) |
| | 25603 - 5" longer (20" transom) |
| | 25652 - Standard length (15" transom) electric start |
| | 25653 - 5" longer (20" transom) electric start |
| *Horsepower (B.I.A.-certified) | 25 hp at 5500 rpm |
| Full throttle operating range | 5000 to 6000 rpm |
| Tank test with test wheel Part Number 376913 | 4900 rpm |
| Engine type | 2 cylinder, 2 cycle, alternate firing |
| Bore and stroke | 2-1/2" bore x 2-1/4" stroke |
| Piston displacement | 22.0 cubic inches |
| Piston ring sets (2 per set) standard | Part Number 385349 |
| .030" oversize | Part Number 385350 |
| Diameter of ring | 2.5000 in. (standard) |
| Width of ring | Upper .0900 - .0895 in. |
| | Lower .0625 - .0615 in. |
| Lbs. compression recommended when compressed | Upper 2 to 5 lbs. |
| | Lower 3 to 5-1/2 lbs. |
| Piston and rings standard | Part Number 385339 |
| .030" oversize | Part Number 385340 |
| Crankshaft size | |
| Top journal | 1.0000 - .9995 in. |
| Center journal | 1.0000 - .9995 in. |
| Bottom journal | 1.0000 - .9995 in. |
| Connecting rod crank pin | 1.0005 - 1.0000 in. |
| Carburetion | Single barrel, float feed, low-speed adjustment |
| Float level setting | Parallel to and 1/16 above gasket surface |
| Carburetor orifice plug 309517 | .072" |
| Inlet needle seat | .065" - .062" Use a #52 drill as a gage |
| Cooling system | Centri-Matic (combination positive displacement and centrifugal pump). Thermostatically controlled by-pass system |
| Propeller gear ratio | 12:21 |
| Propeller drive pin | Part Number 307949 3/16" x 1-25/64" |
| Propeller, supplied with motor | 3 blade, 9" dia. x 10" pitch |
| Propeller, optional | 3 blade, 9" dia. x 9" pitch |
| Propeller, optional | Weedless 3 blade 9" dia. x 10" pitch |
| Speed control | Twist grip, synchronized throttle and spark |
| Gear shift control | Forward, neutral and reverse |
| Weight (less fuel tank) | Standard rope 85 lbs., long 87 lbs. |
| | Standard electric 95 lbs., long 97 lbs. |
| Fuel tank (net) | 11 lbs. |
| Fuel capacity | 6 gallons |
| Starter | 12 volt electric key and automatic rewind rope |
| Starter amperage draw when cranking | 120 Amperes maximum |
| Ignition | Low tension magneto |
| Spark plug | Champion J4J, - 14 mm |
| Spark plug gap | .030 inch |
| Spark plug torque | 17-1/2 - 20-1/2 Foot-pounds |
| Breaker point gap | .020 inch |
| Condenser | Part Number 581419 |
| Capacity | .25 - .29 Mfd. |
| Driver coil resistance | |
| Rope start model | .80 ± .05 ohm |
| Electric start model | 2.7 ± .05 ohms |
| Ignition coil | Part Number 581370 |

IGNITION COIL TEST SPECIFICATIONS

Stevens Tester Model ST-75

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| Reverse Polarity (Switch Setting Standard) | 1.3 |
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Stevens Tester Model M.A.-75 or M.A.-80

| Switch | Index Adjustment with MA14 Adapter |
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| B | 25 |

*Horsepower established at sea level. Allow 2% reduction per 1000' above sea level.