

SPECIFICATIONS

Model Numbers . . . 25E76 - Standard length (15" transom) electric start
 25EL76 5" longer (20" transom) electric start
 25R76 - Standard length (15" transom)
 25RL76 - 5" longer (20" transom)

*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 309517072"
 Inlet needle seat065" - .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 gap030 inch
 Spark plug torque 17-1/2 - 20-1/2 Foot-pounds
 Breaker point gap020 inch
 Condenser Part Number 581419
 Capacity25 - .29 Mfd.
 Driver coil resistance
 Rope start model80 ± .05 ohm
 Electric start model 2.7 ± .05 ohms
 Ignition coil Part Number 581370

IGNITION COIL TEST SPECIFICATIONS

Stevens Tester Model ST-75

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
B	25

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