

SPECIFICATIONS

Model Numbers 125ESL71 (20" transom)
 *Horsepower (B.I.A.-certified) 125 hp at 5000 rpm
 Full throttle operating range 4500 to 5500 rpm
 Tank test with test wheel part number 384933 5400 rpm
 Engine type 90° V-type, 4 cylinder, 2 cycle
 Bore and stroke 3-1/2" bore x 2-19/32" stroke
 Piston displacement 99.6 cubic inches
 Piston ring sets (2 per set) standard Part Number 384539
 .020" oversize Part Number 384982
 .030" oversize Part Number 384980
 Diameter of ring 3.500 in. (standard)
 Width of ring Upper .0895 - .0900 in.
 Lower .0615 - .0625 in.
 Piston ring lbs. compression
 recommended when compressed Upper 3.600 min. lbs.
 Lower 3.300 - 4.900 lbs.
 Piston less rings
 Standard Part Number 384516
 .020" oversize Part Number 384981
 .030" oversize Part Number 384979
 Crankshaft size
 Top journal 1.4980 - 1.4975
 Center journals 1.3752 - 1.3748
 Bottom journal 1.1815 - 1.1810
 Connecting rod crank pin 1.1828 - 1.1823
 Carburetion 2 carburetors - Float feed with low-speed adjustment
 Automatic, manual lever and remote control choke
 Float level setting . . . Remove float bowl, turn carburetor upside down
 so weight of float closes needle; float
 should now be parallel to gasket surface.
 Carburetor orifice plug Part Number 314893 Hole size .065
 Inlet needle seat065 - .062 Use a #52 drill as gage
 Cooling system Thermostatically controlled recirculating system
 Propeller gear ratio 13:26
 Propeller supplied with motor Aluminum 3 blade, 12-3/4" dia. 21" pitch
 Alternate propellers Aluminum 3 blade, 13-1/4" dia. x 17" pitch
 Aluminum 3 blade, 14" dia. x 11" pitch
 Aluminum 3 blade, 14" dia. x 13" pitch
 Aluminum 3 blade, 13-3/4" dia. x 15" pitch
 Aluminum 3 blade, 13" dia. x 19" pitch
 Aluminum 3 blade, 12-3/4" dia. x 23" pitch
 Bronze 2 blade, 13-3/4" dia. x 21" pitch
 Bronze 2 blade cupped, 13-3/4" dia. x 21" pitch
 Bronze 2 blade cupped, 13-3/4" dia. x 23" pitch
 Stainless steel 3 blade, 13" dia. x 19" pitch
 Stainless steel 3 blade, 12-3/4" dia. x 21" pitch
 Stainless steel 3 blade, 12-3/4" dia. x 23" pitch
 Speed control Remote control - synchronized throttle and spark
 Gear shift control Hydro-Electric - forward, neutral,
 reverse - remote control
 Shift solenoids 5-6 ohms (lo ohms scale)
 Weight (without fuel tank) 252 lbs.
 (Fuel tank weight 11 lbs. net)
 Fuel capacity 6 gallons
 Starter Electric and emergency rope
 Electrical system 9 amp flywheel alternator
 Starter amp draw when cranking 185 amperes maximum
 Ignition (CD breakerless) Battery - Power Pulse
 Spark plug Champion L-77V
 Spark plug torque 17-1/2 - 20-1/2 foot-pounds
 Sensor air gap028 in.

Part No. 580740 Coil Test Specifications - New Stevens Tester Model		
No. M.A. - 75 **Use Model CD-1 Adapter		
<u>Switch</u>	<u>Coil</u>	<u>Index Adjustment</u>
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*Horsepower established at sea level. Allow 2% reduction per 1000' above sea level.