

SPECIFICATIONS

Model Numbers	115ESL70 (20" transom)
*Horsepower (B.I.A.-certified)	115 hp at 5000 rpm
Full throttle operating range	4500 to 5500 rpm
Tank test with test wheel	5400 rpm
Engine type	90° V-type, 4 cylinder, 2 cycle
Bore and stroke	3.438" bore x 2.588" stroke
Piston displacement	96.1 cubic inches
Piston ring sets (3 per set) standard	Part Number 383680
.030" oversize	Part Number 383681
Diameter of ring	3.438 in. (standard)
Width of ring	.062 in.
Piston ring lbs. compression	
recommended when compressed	3.20 to 6.75 lbs.
Piston less rings	
Standard	Part Number 383484
.030" oversize	Part Number 383679
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 314903 Hole size .065
Inlet needle seat	.065 - .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, 13" dia, 19" 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, 12-3/4" dia. x 21" pitch
	Bronze 3 blade, 13" dia. x 19" 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
Speed control	Remote control - synchronized throttle and spark
Gear shift control	Hydro-Electric - forward, neutral, reverse - remote control
Shift solenoids	5-6 ohms (10 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	AC V4OFF or Champion L-19V
Spark plug torque	17-1/2 - 20-1/2 foot-pounds
Sensor air gap	.028 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.