

SPECIFICATIONS

Model Numbers 85ESL70 (20" transom)
 *Horsepower (B.I.A.-certified) 85 hp at 5000 rpm
 Full throttle operating range 4500 to 5500 rpm
 Tank test with test wheel 4800 rpm
 Engine type 90° V-type, 4-cylinder, 2 cycle
 Bore and stroke 3.375" bore x 2.588" stroke
 Piston displacement 92.6 cubic inches
 Piston ring sets (3 per set) standard Part Number 382825
 .020" oversize Part Number 382826
 .040" oversize Part Number 382827
 Diameter of ring 3.375 in. (standard)
 Width of ring093 in.
 Piston ring lbs. compression
 recommended when compressed 9.7 to 14.5 lbs.
 Piston less rings
 Standard Part Number 383674
 .020" oversize Part Number 383697
 .040" oversize Part Number 383698
 Crankshaft size
 Top journal 1.4980 - 1.4975 in.
 Center journals 1.3752 - 1.3748 in.
 Bottom journal 1.1815 - 1.1810 in.
 Connecting rod crank pin 1.1828 - 1.1823 in.
 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 315321 Hole size .056
 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, 13-1/4" dia. x 17" pitch
 Alternate propellers Aluminum 3 blade, 14" dia. x 9" 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 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 with breaker points) Battery - Power Pulse
 Spark plug AC V4OFF or Champion L-19V
 Spark plug torque 17-1/2 - 20-1/2 foot-pounds
 Breaker point gap010 in.
 Breaker point spring tension 28 - 32 oz.
 Part No. 580740 Coil Test Specifications - New Stevens Tester Model
 No. M.A. - 75 **Use Model CD-1 Adapter
 Switch Coil Index Adjustment
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