SPECIFICATIONS

Model Numbers . . . . . 125283 (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 . . . . . 4800 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 2.500 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 fixed high and low-speed jets, 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 high speed orifice plug . . . . . Part Number 317488 Hole size .072
Carburetor low speed orifice plug . . . . . Part Number 317473 Hole size .030
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, 12-3/4" dia. x 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
Stainless steel 3 blade, 13-3/8" dia. x 17" pitch
Speed control . . . . . Remote control - synchronized throttle and spark
Gear shift control . . . . . Electric - forward, neutral, reverse - remote control
Shift solenoids . . . . . 5-6 ohms (lo ohms scale)
Weight (without fuel tank) . . . . . 252 lbs.
(Fuel tank weight 11 bls. 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 V40FFM or Champion L-77V
Spark plug torque . . . . . 17-1/2 - 20-1/2 foot-pounds
Sensor air gap . . . . . .028 in.

Part No. 58070 Coil Test Specifications - New Stevens Tester Model No. M.A. - 75
**Use Model CD-1 Adapter

Switch	Coil	Index Adjustment
**A	580740	-20

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

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