

**SPECIFICATIONS**

Model Numbers . . . . . 18202 - Standard length (15" transom)  
 18203 - 5" longer (20" transom)  
 \*Horsepower (B.I.A.-certified) . . . . . 18 hp at 4500 rpm  
 Full throttle operating range . . . . . 4000 to 5000 rpm  
 Tank test with test wheel Part Number 376913 . . . . . 4650 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 385338  
 .030" oversize . . . . . Part Number 385348

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 309935 . . . . . .068

Inlet needle seat . . . . . .065" - .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" stainless steel

Propeller, supplied with motor . . . . . 3 blade, 9" dia. x 10" pitch

Propeller, optional . . . . . 3 blade, 9" dia. x 9" pitch

Propeller, optional . . . . . 3 blade 9" dia. x 10" pitch weedless

Speed control . . . . . Twist-grip, synchronized throttle and spark

Gear shift control . . . . . Forward, neutral and reverse

Weight (less fuel tank) . . . . . 18202-81 lbs., 18203-83 lbs.

Fuel tank (net) . . . . . 11 lbs.

Fuel capacity . . . . . 6 gallons

Starter . . . . . Manual self-rewinding

Ignition . . . . . Flywheel magneto

Spark plug . . . . . AC-M42K, Champion J4J, - 14 mm

Spark plug gap . . . . . .030 inch

Spark plug torque . . . . . 17-1/2 - 20-1/2 Foot-pounds

Breaker point gap . . . . . .020 inch

Condenser . . . . . Part Number 580422

Capacity . . . . . .25 - .29 Mfd.

Part No. 580197 Coil Test Specifications -

Old Stevens Tester

Switch	Index Reading
B	1.5 - 2.0

New Stevens Tester Model No. M.A.-75

Switch	Index Adjustment
A	21

Merc-O-Tronic

Operating Amperage	Primary Resistance		Secondary Continuity	
	Min.	Max.	Min.	Max.
1.5	.5	.6	45	55

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