

SPECIFICATIONS

Model Numbers 10R76 - Standard length (15" transom)
 10RL76 - 5" longer (20" transom)
 10E76 - Standard length (15" transom)
 10EL76 - 5" longer (20" transom)

Horsepower (B.I.A. certified) 9.9 hp at 5000 rpm
 Full throttle operating range 4500 to 5500 rpm
 Tank test with test wheel 5400 rpm

Part Number 386537

Engine type 2 cyl., 2 cycle, alternate firing
 Bore and stroke 2.188" bore x 1.760" stroke
 Piston displacement 13.20 cubic inches

Piston ring sets (2 per set)

standard Part Number 386279
 .030" oversize Part Number 386280

Diameter of ring 2.1875 in. (standard)

Width of ring Upper - .0700 - .0695 in.
 Lower - .0615 - .0625 in.

Lbs. compression recommended when compressed
 Upper - .25 - 2.0 lbs.
 Lower - 2.5 - 5.0 lbs.

Piston less rings

standard Part Number 386012
 .030" oversize Part Number 386013

Crankshaft size

Top journal .8762 - .8757
 Center journal .8125 - .8120
 Bottom journal .8125 - .8120

Connecting rod crank pin 1.06350 - 1.06300 in.

Carburetion Single barrel, float feed, fixed high speed adjustable low-speed, manual choke

High speed orifice plug Part Number 319016
 Identification Number 51
 Check with #.051 dia. drill

Float level setting Flush with rim of casting

Inlet needle seat .065 - .062
 Use #52 drill as gage

Cooling system Vari-volume (combination positive displacement and centrifugal pump)
 Thermostatically controlled

Propeller gear ratio 12:29

Propeller supplied with motor 3 blade, 9-1/2" dia. x 10" pitch

Propeller options 3 blade, 10" dia. x 5" pitch
 2 blade weedless 9" dia. x 10" pitch

Speed control On steering handle
 Remote control available

Gear shift control Forward, neutral, and reverse

Weight (without fuel tank)
 Model 10R76 - 65 lbs.
 Model 10RL76 - 66 lbs.
 Model 10E76 - 73 lbs.
 Model 10EL76 - 74 lbs.
 (Fuel tank weight 11 pounds net)

Fuel capacity 6 gallons

Electrical system (Electric start models only) 5 amp flywheel alternator

Starter Manual - Self-rewind
 Electric - 12 volt and self-rewind

Starter amperage draw while cranking 55 AMPS Max.

Ignition Low tension magneto

Spark plug Champion L7J, 14mm

Spark plug gap .030 inch

Spark plug torque 17-1/2 - 20-1/2 foot-pounds

Breaker point Gap .020 inch

Condenser Capacity Part Number 581419
 .25 - 29 Mfd.

Driver coil resistance

Rope 1.45 ± .4 ohm

Electric 2.70 ± .7 ohm

Ignition coil Part No. 581407

IGNITION COIL TEST SPECIFICATIONS

Stevens Model ST-75				
Reversed Polarity-(switch setting standard)				1,3
Stevens Tester Model M.A.-75 or M.A.-80 with M.A.-14 Adapter in Series with High Tension Lead				
Switch		Index Adjustment		
B		25		
Merc-O-Tronic with 55-980 CDA Adapter				
Operating Amperage	Primary Resistance Min. Max.		Secondary Continuity Min. Max.	
1.7	0.8 - 1.2		60 - 70	
Graham Tester Model				
Maximum Secondary	Maximum Primary	Coil Index	Minimum Coil Test	Gap Index
20,000 ohms	14.0 ohms	50	24	45
COIL OHMMETER TEST				
Primary (Low Ohms)			Secondary (High Ohms)	
1.35 ± .3			13,500 ± 1500	

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