

## SPECIFICATIONS

Model Numbers . . . . . 200TL76 (20" transom)  
 200TXL76 (25" transom)

\*Horsepower (B.I.A.-certified) . . . . . 200 hp at 5250 rpm

Full throttle operating range . . . . . 4750 to 5750 rpm

Tank test with test wheel part number 387388 . . . . . 4800 rpm

Engine type . . . . . 90° V-type, 6 cylinder, 2 cycle

Bore and stroke . . . . . 3.500" bore x 2.588" stroke

Piston displacement . . . . . 149.4 cubic inches

Piston ring sets (2 per set) standard  
 .020" oversize  
 .030" oversize

Diameter of ring . . . . . 3.500 in. (standard)

Width of ring (upper) . . . . . .0895 - .0900 in.  
 (lower) . . . . . .0615 - .0625 in.

Piston less rings  
 Standard  
 .020" oversize  
 .030" oversize

Crankshaft size  
 Top journal . . . . . 1.6204 - 1.6199  
 Center journals . . . . . 2.1875 - 2.1870  
 Bottom journal . . . . . 1.3784 - 1.3779  
 Connecting rod crank pin . . . . . 1.3762 - 1.3757

Carburetion . . . . . 3 carburetors - Float feed with fixed high and low-speed jets, 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 321731 Hole Size .058 in.

Carburetor low speed orifice plug . . . . . Part Number 318823 Hole Size .031

Inlet needle seat . . . . . .0745 - .0715  
 Use a #50 drill as gage

Cooling system . . . . . Thermostatically controlled recirculating system

Propeller gear ratio . . . . . 14:26

Gearcase lubricant capacity . . . . . 44.0 ozs. (1300 cc)

Propeller supplied with motor. †Aluminum 3 blade, 14-1/2" dia. x 19" pitch

\*\*Alternate propellers . . . . . †Aluminum 3 blade, 15-3/4" dia. x 13" pitch  
 Aluminum 3 blade, 15-1/2" dia. x 15" pitch  
 †Aluminum 3 blade, 15" dia. x 17" pitch  
 †Aluminum 3 blade, 14-1/4" dia. x 21" pitch  
 Aluminum 3 blade, 14-1/2" dia. x 23" pitch

Propeller nut size . . . . . 1-1/4"

Speed control . . . . . Remote control - synchronized throttle and spark

Gear shift control. . . . .COMMAND CENTER - forward, neutral, reverse - remote control

Weight (without fuel tank)  
 Model 200TL76 . . . . . 377 lbs.  
 Model 200TXL76 . . . . . 381 lbs.  
 (Fuel tank weight 11 lbs. net)

Fuel tank supplied with motor capacity . . . . . 6 gallons

Starter . . . . . Electric and emergency rope

Starter amp draw when cranking . . . . . 200 amps maximum

Starter RPM . . . . . 200 RPM for ignition

Generator system . . . . . Flywheel alternator

Fuse . . . . . Littlefuse 1 A.G. - 20 amp or Buss A.G. 20 amp (located on port side of motor in wire terminal area)

Igniton (Magneto breakerless C.D.) . . . . . Two Power Packs

Timing . . . . . 28° @4300-4600 RPM in gear

Spark plug . . . . . Champion UL-77V

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

Sensor air gap . . . . . Fixed

Ignition Coils . . . . . Part Number 581503

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

\*\*Propeller supplied with motor may be exchanged for any one of the options of equal value if new and unused.

†Optional SST propellers available at extra cost.

### NOTE

The recommended full power operating range for your outboard motor is from 4750 - 5750 R.P.M. In order to get the best performance from your outboard the upper end of this range, from 5250 - 5750 R.P.M., is the engine speed to use in selecting the proper propeller. The R.P.M. should be measured with your expected average load in the boat.

## IGNITION COIL TEST SPECIFICATIONS

Stevens Model ST-75		
Reverse Polarity (Switch Setting CD)		1.9
Stevens Tester Model M.A.-75 or M.A.-80		
<u>Switch</u> **A	<u>Coil</u> 581503	<u>Index Adjustment</u> 20
**Use Model CD-1 Adapter Red test clip to orange/black Black test clip to orange		
Merc-O-Tronic with Capacitor Discharge Adapter Model 55-980		
<u>Operating Amperage</u>	<u>Primary Resistance</u>	<u>Secondary Continuity</u>
Min. - Max.	Min. - Max.	Min. - Max.
1.9	.1 Ohm	8 - 20
Graham Tester Model 51		
Maximum Secondary . . . . .	3,000 ohms	
Maximum Primary . . . . .	0.6 ohm	
Coil Index . . . . .	50	
Coil Test Minimum AMPLIFIED . . . . .	27 (With secondary circuit "open," Hi tension lead disconnected)	
Gap Index . . . . .	50 (Coil must fire spark gap on tester at this setting.)	