

SPECIFICATIONS

Model Numbers 200649 (20" transom)
 200640 (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 seat0745 - .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 POWER PILOT - forward, neutral, reverse - remote control

Weight (without fuel tank)

Model 200649 377 lbs.

Model 200640 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)

Ignition (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.



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		
Operating Amperage	Primary Resistance	Secondary Continuity
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.)	