

## SPECIFICATIONS

Models 175749 & 200749 . . . . . (Long Shaft) 20" (508 mm) transom  
 Models 175740 & 200740 . . . . . (Extra long shaft) 25" (635 mm) transom  
 Powerhead . . . . . Six cylinder - two cycle  
 Bore & stroke . . . . . 3.500" x 2.588" (88.90 x 65.74 mm)  
 Piston displacement . . . . . 149.4 cu. in. (2448 cm<sup>3</sup>)  
 \*Horsepower . . . . . 175 B.I.A. Certified brake hp at 5000 rpm  
 200 B.I.A. Certified brake hp at 5250 rpm  
 Full throttle operating range . . . . . 175 hp 4500 to 5500 rpm  
 200 hp 4750 to 5750 rpm



### NOTE

The upper end of this full power operating range is the recommended engine speed to use in selecting the proper propeller. The R.P.M. should be measured with the expected average load in the boat.

Tank test with test wheel part no. 387388 . . . . . 175 hp - 4750 rpm  
 200 hp - 4800 rpm  
 Engine type . . . . . 90° V-type, 6 cylinder, 2 cycle  
 Piston ring sets (2 per set) standard  
 .020" oversize  
 .030" oversize  
 Diameter of ring . . . . . 3.500" (88.90 mm) (standard)  
 Width of ring (upper) . . . . . 0.0895" - 0.0900" (2.273 - 2.286 mm)  
 (lower) . . . . . 0.0615" - 0.0625" (1.562 - 1.587 mm)  
 Piston less rings  
 Standard  
 .020" oversize  
 .030" oversize  
 Crankshaft size  
 Top journal . . . . . 1.6204" - 1.6199" (41.158 - 41.145 mm)  
 Center journals . . . . . 2.1875" - 2.1870" (55.563 - 55.550 mm)  
 Bottom journal . . . . . 1.3784" - 1.3779" (35.011 - 34.999 mm)  
 Connecting rod crank pin . . . . . 1.3762" - 1.3757" (34.955 - 34.943 mm)  
 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 . . . . . 175 hp Part No. 321731  
 Hole size 0.058" (1.47 mm)  
 200 hp Part No. 320661  
 Hole size .061 (1.55 mm)

Carburetor low speed orifice plug . . . . . 175 & 200 hp Part No. 317473  
 Hole size 0.030" (0.76 mm)  
 Inlet needle seat . . . . . 0.0745" - 0.0715" (1.892 - 1.816 mm) Use a #50 drill as gage  
 Cooling system . . . . . Thermostatically controlled recirculating system  
 Propeller gear ratio . . . . . 14:26  
 Gearcase lubricant capacity . . . . . 44.0 ozs. (1300 mL)  
 \*\*Propeller . . . . . 175 hp †3 blade 14-1/2" dia. by 19" pitch  
 200 hp †3 blade 14-1/4" dia. by 21" pitch  
 Optional aluminum propellers . . . . . 3 blade (see propeller selection chart supplied in owner's kit)  
 15-3/4" dia. by 13" pitch  
 3 blade 15-1/2" dia. by 15" pitch  
 †3 blade 15" dia. by 17" pitch  
 3 blade 14-1/2" dia. by 23" pitch  
 †3 blade SSTR high performance 14-1/2" dia. by 24" pitch  
 †3 blade SSTR high performance 14-1/2" dia. by 26" pitch  
 †3 blade SSTR high performance 15" dia. by 28" pitch  
 Propeller nut socket wrench size . . . . . 1-1/4"  
 Speed control . . . . . Remote control - synchronized throttle and spark  
 Gear shift control . . . . . Forward, neutral, reverse - remote control  
 Weight (without fuel tank) . . . . . Long shaft 20" (508 mm) transom 385 lbs. (174.6 kg)  
 Extra long shaft 25" (635 mm) transom 391 lbs. (177.4 kg)  
 Fuel tank weight . . . . . 10 lbs. net (4.5 kg)  
 Fuel tank supplied with motor capacity . . . . . 6 gallons (22.7 litres)  
 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 4-6° @ pickup point  
 Spark plug . . . . . Champion UL-77V  
 Spark plug torque . . . . . 17-1/2" - 20-1/2" foot-pounds (24 - 27 N.m)  
 Sensor air gap . . . . . Fixed  
 Ignition coils . . . . . Part No. 581764

\*Horsepower established at sea level. Allow 2% reduction per 1000' (300 m) above sea level.  
 \*\*Propeller furnished with motor may be exchanged for any one of the options of equal value if new and unused.  
 †Optional SST and SSTR Stainless Steel propellers available at extra cost.

### IGNITION COIL OHMMETER TEST

Primary Low Ohms	Secondary High Ohms
.1 ± .05	1,300 ± 200