



SPECIFICATIONS

Model Numbers 70873 20" (508 mm) transom	Diameter of ring . . 3.000 in. (76.20 mm) (standard)
*Horsepower (B.I.A.-certified) 70 hp at 5000 rpm	Width of ring Upper, 0.0900 - 0.0895 in. (2.286 - 2.273 mm) Lower, 0.0625 - 0.0615 in. (1.588 - 1.562 mm)
Full throttle operating range . . . 4500 to 5500 rpm	Piston with rings
 NOTE	Standard Part Number 385877
The recommended full power operating range for the 70 hp outboard motor is from 4500 - 5000 rpm. In order to get the <u>best performance</u> from your outboard the upper end of this range, from 5000 - 5500 rpm is the engine speed to use in selecting the proper propeller. The rpm should be measured with your expected average load in the boat.	0.020" oversize Part Number 385878
Tank test with test wheel	0.030" oversize, without rings Part Number 385873
Part Number 386665 5000 rpm	Crankshaft size
Model Numbers . . . 75842 15" (381 mm) transom	Top journal 1.4979 - 1.4974 in. (38.047 - 38.034 mm)
75843 20" (508 mm) transom	Center journals 1.3752 - 1.3748 in. (34.930 - 34.920 mm)
*Horsepower (B.I.A.-certified) 75 hp at 5500 rpm	Bottom journal 1.1815 - 1.1810 in. (30.010 - 29.997 mm)
Full throttle operating range . . . 5200 to 5800 rpm	Connecting rod crank pin 1.1828 - 1.1823 in. (30.043 - 30.030 mm)
Tank test with test wheel Part Number	Carburetion 3 carburetors - Float feed. Manual lever and remote control choke
386950 (standard length) 5200 rpm	Float level setting Remove float bowl, turn it upside down so weight of float closes needle; float should now be parallel to and 1/16" above surface of gasket
 NOTE	Carburetor orifice plug (high speed
The recommended full power operating range for the 75 hp outboard motor is from 5200 - 5800 rpm. In order to get the <u>best performance</u> from your outboard the upper end of this range, from 5200 - 5800 rpm, is the engine speed to use in selecting the proper propeller. The rpm should be measured with your expected average load in the boat.	70 hp) Part Number 321407 - Hole size 0.054" (1.37 mm)
Tank test with test wheel Part Number	Carburetor orifice plug (high speed
386665 (long shaft) 5200 rpm	75 hp) Part Number 320921 - Hole size 0.055" (1.40 mm)
COMMON SPECIFICATIONS	Carburetor orifice plug (low speed
Idle speed Neutral - 1000 - 1100 rpm	70 hp) Part Number 320016 - Hole size 0.032" (0.81 mm)
Forward gear - 750 rpm	Carburetor orifice plug (low speed
Engine type 2 cycle, 3 cylinders in line	75 hp) Part Number 320016 - Hole size 0.032" (0.81 mm)
Bore and stroke 3" bore x 2-11/32" (76.20 x 59.53 mm) stroke	Inlet needle seat . . 0.065 - 0.062 (1.65 - 1.57 mm) Use a #52 drill as gage.
Piston displacement 49.7 cubic inches (814 cm ³)	Cooling system Pressure and Thermo- statically controlled system
Piston ring sets (2 per set)	Propeller gear ratio
standard Part Number 385807	Standard length 15:28
0.020" oversize Part Number 385808	Long shaft 12:29
0.030" oversize Part Number 385809	Propeller supplied with 70 hp motor (Aluminum) 3 blade, 13-1/4" dia. x 17" pitch

*Horsepower established at sea level. Allow 2% reduction per 1000' (300 m) above sea level.