



## SPECIFICATIONS

Model Numbers . . . . . 70773 Standard 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 - 5500 R.P.M. In order to get the best performance from your outboard the upper end of this range, from 5000 - 5500 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.	.020" oversize . . . . . Part Number 385878
Tank test with test wheel	.030" oversize, without rings . . . . . Part Number 385873
Part Number 386665 . . . . . 5000 rpm	Crankshaft size
Model Numbers . . . . 75742 15" (381 mm) transom 75743 20" (508 mm) transom	Top journal. . . . . 1.4979 - 1.4974 in. (38.047 - 38.034 mm)
*Horsepower (B.I.A.-certified) . . . . . 75 hp at 5500 rpm	Center journals . . . . . 1.3752 - 1.3748 in. (34.930 - 34.920 mm)
Full throttle operating range. . . 5200 to 5800 rpm	Bottom journal . . . . . 1.1815 - 1.1810 in. (30.010 - 29.997 mm)
Tank test with test wheel Part Number	Connecting rod crank pin . . . . 1.1828 - 1.1823 in. (30.043 - 30.030 mm)
386950 (standard length) . . . . . 5200 rpm	Carburetion . . . . . 3 carburetors - Float feed. Manual lever and remote control choke
 NOTE	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
The recommended full power operating range for the 75 hp outboard motor is from 5200 - 5800 R.P.M. In order to get the best performance from your outboard the upper end of this range, from 5200 - 5800 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.	Carburetor orifice plug (high speed 70 hp) . . . . . Part Number 321407 - Hole size 0.054" (1.37 mm)
Tank test with test wheel Part Number	Carburetor orifice plug (high speed 75 hp) . . . . . Part Number 320921 - Hole size 0.055" (1.40 mm)
386665 (long shaft) . . . . . 5200 rpm	Carburetor orifice plug (low speed 70 hp) . . . . . Part Number 320016 - Hole size .032" (0.81 mm)
Engine type . . . . . 2 cycle, 3 cylinders in line	Carburetor orifice plug (low speed 75 hp) . . . . . Part Number 320016 - Hole size .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 <sup>3</sup> )	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
.020" oversize. . . . . Part Number 385808	Long shaft . . . . . 12:29
.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.