

**SPECIFICATIONS**

Model Numbers . . . . .	115393 (20" transom)
*Horsepower (B.I.A.-certified) . . . . .	115 hp at 5000 rpm
Full throttle operating range . . . . .	4500 to 5500 rpm
Tank test with test wheel	
Part Number 384933 . . . . .	4800 rpm
Engine type . . . . .	90° V-type, 4 cylinder, 2 cycle
Bore and stroke . . . . .	3-1/2" bore x 2-19/32" stroke
Piston displacement . . . . .	99.6 cubic inches
Piston ring sets (3 per set) standard . . . . .	Part Number 385661
.020" oversize . . . . .	Part Number 385662
.030" oversize . . . . .	Part Number 385663
Diameter of ring . . . . .	3.500 in. (standard)
Width of ring (upper) . . . . .	.0895 - .0900 in.
(lower) . . . . .	.0615 - .0625 in.
Piston ring lbs. compression recommended	
when compressed (upper) . . . . .	1.0 - 3.0 lbs.
(lower) . . . . .	3.3 - 4.9 lbs.
Piston less rings	
Standard . . . . .	Part Number 385477
.020" oversize . . . . .	Part Number 385569
.030" oversize . . . . .	Part Number 385570
Crankshaft size	
Top journal . . . . .	1.6204 - 1.6199
Center journals . . . . .	1.3752 - 1.3748
Bottom journal . . . . .	1.3784 - 1.3779
Connecting rod crank pin . . . . .	1.1828 - 1.1823
Carburetion . . . . .	2 carburetors - Float feed with fixed high and low-speed Automatic, 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 317183 Hole size .067 in.
Carburetor low speed	
orifice plug . . . . .	Part Number 317473 Hole size .030 in.
Inlet needle seat . . . . .	.065 - .062 Use a #52 drill as gage
Cooling system . . . . .	Thermostatically controlled recirculating system
Propeller gear ratio . . . . .	13:26
Propeller supplied	
with motor . . . . .	Aluminum 3 blade, 13" dia. x 19" pitch
Alternate propellers . . . . .	Aluminum 3 blade, 14" dia. x 11" pitch
	Aluminum 3 blade, 14" dia. x 13" pitch
	Aluminum 3 blade, 13-3/4" dia. x 15" pitch
	Aluminum 3 blade, 13-1/4" dia. x 17" pitch
	Aluminum 3 blade, 12-3/4" dia. x 21" pitch
	Aluminum 3 blade, 12-3/4" dia. x 23" pitch
	Bronze 2 blade, 13-3/4" dia. x 21" pitch
	Bronze 2 blade cupped, 13-3/4" dia. x 21" pitch
	Bronze 2 blade cupped, 13-3/4" dia. x 23" pitch
	Stainless steel 3 blade, 13-3/4" dia. x 15" pitch
	Stainless steel 3 blade, 13-3/8" dia. x 17" pitch
	Stainless steel 3 blade, 13" dia. x 19" pitch
	Stainless steel 3 blade, 12-3/4" dia. x 21" pitch
	Stainless steel 3 blade, 12-3/4" dia. x 23" pitch
Speed control . . . . .	Remote control - Synchronized throttle and spark
Gear shift control . . . . .	POWERPILOT - forward, neutral, reverse - remote control
Weight (without fuel tank) . . . . .	262 lbs.
	(Fuel tank weight 11 lbs. net)
Fuel capacity . . . . .	6 gallons
Starter . . . . .	Electric and emergency rope
Starter amp draw when cranking (Prestolite) . . . . .	180 amps maximum
	(Bosch) . . . . . 160 amps maximum
Starter RPM . . . . .	200 RPM for ignition
Generator system . . . . .	6 ampere flywheel alternator
Ignition (Magneto breakerless C.D.) . . . . .	Power Pack
Spark plug . . . . .	Champion UL-77V
Spark plug torque . . . . .	17-1/2" - 20-1/2" foot-pounds
Sensor air gap . . . . .	Fixed
*Horsepower established at sea level. Allow 2% reduction per 1000' above sea level.	