

SPECIFICATIONS

Model Numbers	9R73 - Standard length (15" transom) 9RL73 - 5" longer (20" transom)	Speed control	On steering handle, synchronized throttle and spark												
*Horsepower (B.I.A. - certified)	9-1/2 hp at 4500 rpm	Gear shift control	Forward, neutral, & reverse												
Full throttle operating range	4000 to 5000 rpm	Weight	Model 9R73 - 60 lbs Model 9RL73 - 61 lbs (without fuel tank) (fuel tank weight 11 pounds net)												
Tank test with test wheel	Part No. 379673 4400 rpm	Fuel capacity	6 gallons												
Engine type	2 cylinder, 2 cycle alternate firing	Starter	Manual - self rewind												
Bore and stroke	2-5/16" bore x 1-13/16" stroke	Ignition	Flywheel magneto												
Piston displacement	15.2 cubic inches	Spark plug	AC-M42K, Champion J4J - 14mm												
Piston ring sets (3 per set) standard	Part No. 379360	Spark plug gap	.030 inch												
.030" oversize	Part No. 384073	Spark plug torque	17-1/2 - 20-1/2 foot-pounds												
Diameter of ring	2.3125" (standard)	Breaker point gap	.020 inch												
Width of ring	.0935" - .0925"	Condenser Capacity	Part Number 580321 .18 - .22 mfd.												
Lbs. compression recommended when compressed	3 to 5 lbs.	Part No. 580971 Coil Test Specifications													
Piston less rings standard	Part No. 385865	Old Stevens Tester													
.030" oversize	Part No. 385867	<table border="1"> <thead> <tr> <th>Switch</th> <th>Index Reading</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>2.0 - 2.5</td> </tr> </tbody> </table>				Switch	Index Reading	A	2.0 - 2.5						
Switch	Index Reading														
A	2.0 - 2.5														
Crankshaft size top journal	.8125" - .8120"	New Stevens Tester Model No. M.A.-75													
center journal	.8132" - .8127"	<table border="1"> <thead> <tr> <th>Switch</th> <th>Index Adjustment</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>22</td> </tr> </tbody> </table>				Switch	Index Adjustment	A	22						
Switch	Index Adjustment														
A	22														
bottom journal	.8125" - .8120"	Merc-O-Tronic													
Connecting rod crank pin	.8132" - .8127"	<table border="1"> <thead> <tr> <th>Operating Amperage</th> <th>Primary Resistance Min. - Max.</th> <th>Secondary Continuity Min. - Max.</th> </tr> </thead> <tbody> <tr> <td>1.4</td> <td>.45 - .65</td> <td>35 - 45</td> </tr> </tbody> </table>				Operating Amperage	Primary Resistance Min. - Max.	Secondary Continuity Min. - Max.	1.4	.45 - .65	35 - 45				
Operating Amperage	Primary Resistance Min. - Max.	Secondary Continuity Min. - Max.													
1.4	.45 - .65	35 - 45													
Cooling system	Vari-Volume (combination positive displacement & centrifugal pump) thermostatically controlled	Graham Tester Model 51													
Carburetion	Float feed, low-speed adjustment and manual choke	<table border="1"> <thead> <tr> <th>Maximum Secondary</th> <th>Maximum Primary</th> <th>Coil Index</th> <th>Minimum Coil Test</th> <th>Gap Index</th> </tr> </thead> <tbody> <tr> <td>5500</td> <td>1.2</td> <td>75</td> <td>33</td> <td>70</td> </tr> </tbody> </table>				Maximum Secondary	Maximum Primary	Coil Index	Minimum Coil Test	Gap Index	5500	1.2	75	33	70
Maximum Secondary	Maximum Primary	Coil Index	Minimum Coil Test	Gap Index											
5500	1.2	75	33	70											
Float level setting	Parallel with face of casting														
Carburetor orifice plug	Hole size - .048". Use a #56 drill as gage.														
Inlet needle seat	.053" - .050". Use a #55 drill as gage.														
Propeller gear ratio	13:23														
Propeller drive pin	Part No. 307949 3/16" x 1-25/64" stainless steel														
Propeller	3 Blade, 8-1/8" dia. x 8" Pitch														

*Horsepower established at sea level. Allow 2% reduction per 1000' above sea level.