

SPECIFICATIONS

Model Numbers	9322 - Standard length (15" transom) 9323 - 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 9322 - 60 lbs Model 9323 - 61 lbs (without fuel tank) (fuel tank weight 11 pounds net)											
Tank test with test wheel	4400 rpm Part Number 379673	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						
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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						
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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				
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1.4	.45 - .65	35 - 45												
Cooling system	Centri-matic (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
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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.