

SPECIFICATIONS

Model	JWF-23 (folding, standard length) JW-23 (rigid, standard length) JHF-23 (folding, standard length) JH-23 (rigid, standard length) JHL-23 (rigid, 5" longer)	Propeller gear ratio	17:28 JW Models 12:25 JH Models										
*Horsepower (O.B.C.-certified)	3 hp at 4000 rpm	Propeller drive pin	Part Number 203230 1/8" x 13/16" stainless steel										
Full throttle op.-range	3500 to 4500 rpm	Propeller	JH Models - Standard - 8" diameter x 5-1/2" pitch, 3 blade Optional - 8" x 4-1/2", 3 blade JW Models - 6-1/8" diameter x 6-1/4" pitch, 2 blades										
Test tank rpm with test wheel	3850 rpm	Speed control	Single lever, synchronized throttle and spark										
Engine type	2 cylinder, 2 cycle alternate firing	Weight	Model JWF - 35 lbs. Model JW - 33 lbs. Model JHF - 35-1/2 lbs. Model JH - 33-1/2 lbs. Model JHL - 34 lbs.										
Bore and stroke	1-9/16" bore x 1-3/8" stroke	Hi Lift vacuum fuel system	3 gal. tank and plug in hose										
Piston displacement	5.28 cubic inches	Fuel capacity	3 gallons										
Piston ring sets (2 per set)		Starter	Swing-Arm, self-rewinding										
standard	Part Number 378412	Ignition	Flywheel magneto										
.020" oversize	Part Number 378414	Spark plug	AC-M42K, Champion J4J, Auto-Lite A21X - 14mm										
Diameter of ring	1.563 in. (standard)	Spark plug gap	.030 inch										
Width of ring	.0935 - .0925 in.	Spark plug torque	17-1/2 - 20-1/2 foot-pounds										
Lbs. compression recommended when compressed	2 to 3-1/2 lbs.	Breaker point gap	.020 inch										
Piston less rings		Condenser Capacity	Part Number 580321 .18 to .22 Mfd.										
standard	Part Number 376991	COIL SPECIFICATIONS											
.020" oversize	Part Number 277283	Part No. 580416 Coil Test Specifications:											
Crankshaft size		Old Stevens Tester											
top journal	.6854 - .6849 in.	<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												
center journal	.6854 - .6849 in.	New Stevens Tester Model No. M.A.-75											
bottom journal	.6854 - .6849 in.	<table border="1"> <thead> <tr> <th>Switch</th> <th>Index Adjustment</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>24</td> </tr> </tbody> </table>		Switch	Index Adjustment	A	24						
Switch	Index Adjustment												
A	24												
Connecting rod crank pin	.6255 - .6250 in.	Merc-O-Tronic											
Carburetion	Single barrel float feed, with high and low-speed adjustments manual choke	<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>1.7</td> <td>.4 - .6</td> <td>30 - 40</td> </tr> </tbody> </table>		Operating Amperage	Primary Resistance Min. Max.	Secondary Continuity Min. Max.	1.7	.4 - .6	30 - 40				
Operating Amperage	Primary Resistance Min. Max.	Secondary Continuity Min. Max.											
1.7	.4 - .6	30 - 40											
Float level setting	Parallel with casting	Graham Tester Model 51											
Inlet needle seat	.065 - .062 Use a #52 drill as gage.	<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>4000</td> <td>1.2</td> <td>75</td> <td>33</td> <td>75</td> </tr> </tbody> </table>		Maximum Secondary	Maximum Primary	Coil Index	Minimum Coil Test	Gap Index	4000	1.2	75	33	75
Maximum Secondary	Maximum Primary	Coil Index	Minimum Coil Test	Gap Index									
4000	1.2	75	33	75									
Cooling system	Vari-volume (combination positive displacement and centrifugal pump).												

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