

SPECIFICATIONS

Model Numbers	6R79 - Standard 15" (381 mm) transom 6RL79 - Long 20" (508 mm) transom	Speed control	Twist-grip, synchronized throttle and spark				
*Horsepower (B.I.A. - certified)	6 hp (4.2 kW) at 4500 rpm	Gear shift control	Forward, neutral, and reverse				
Full throttle operating range	4000 - 5000 rpm	Weight (without fuel tank)	Standard - 54 pounds (24.5 kg) Long - 55 pounds (24.9 kg) (Fuel tank weight 8.2 pounds (3.7 kg) net)				
Tank test with test wheel	4500 rpm Part Number 379673	Fuel capacity	3 gallons (11.4 litres)				
Idle speed	550 rpm in gear	Starter	Manual, self-rewinding				
Engine type	2 cylinder, 2 stroke cycle, alternate firing	Ignition	Flywheel magneto breakerless CD				
Bore and stroke	1-15/16" bore x 1-1/2" stroke (49.21 x 38.10 mm)	Spark plug	Champion L78V or AC M40FFK				
Piston displacement	8.84 cubic inches (145 cm ³)	Alternate spark plug	Champion L77J4 or AC M40FFX gapped at 0.040" (1.0 mm)				
Piston ring sets (2 per set) standard	Part Number 378432	Spark plug torque	17-1/2 - 20-1/2 Foot-pounds (24 - 27 N·m)				
0.030 oversize	Part Number 384336	Charge coil resistance	575 ± 75 ohms				
Width of ring	0.0935 - 0.0925 in. (2.375 - 2.350 mm)	Ignition coil	Part No. 581997				
Piston less rings standard	Part Number 386692	IGNITION COIL TEST SPECIFICATIONS					
0.030 oversize	Part Number 386691	Stevens Model ST-75					
Crankshaft size top journal	0.8080 - 0.8075 in. (20.523 - 20.510 mm)	Reverse Polarity (Switch Setting CD) 1.2					
center journal		Stevens Tester Model M.A.-75 or M.A.-80					
bottom journal		<table border="1"> <thead> <tr> <th>Switch</th> <th>Index Adjustment</th> </tr> </thead> <tbody> <tr> <td>**A</td> <td>20</td> </tr> </tbody> </table>			Switch	Index Adjustment	**A
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**A	20						
Connecting rod	0.6700 - 0.6695	Merc-O-Tronic with Capacitor Discharge Adapter Model 55-980					
Crank pin size	(17.018 - 17.005 mm)	Operating Amperage	Primary Resistance	*Secondary Continuity			
Carburetion	Single barrel, float feed, low-speed adjustment. Fixed high speed jet	Min. - Max.	Min. - Max.	Min. - Max.			
Float level setting	Flush with rim of casting	1.4	0.1 Ohm or Less	275 ± 10			
Carburetor orifice plug	Hole size 0.042 (1.07 mm) Part Number 322249	**Use Model CD-1 Adapter Red test clip to orange/black Black test clip to orange					
Inlet needle seat	0.053" to 0.050" (1.35 - 1.27 mm) Use a #55 drill as gage	Graham Tester Model 51					
Cooling system	Combination positive displacement and centrifugal pump Thermostatically controlled	Maximum Secondary 1,000 ohms					
Propeller gear ratio	12:25	Maximum Primary 0.5 ohm					
Propeller drive pin	Part Number 307949,	Coil Index 50					
Propeller	8" diameter x 7" pitch, 3 blade	Coil Test Minimum AMPLIFIED 17 (With secondary circuit "open.") Hi tension lead disconnected					
		Gap Index 50 (Coil must fire spark gap on tester at this setting.)					
		IGNITION COIL OHMMETER TEST					
		Primary Low Ohms	Secondary High Ohms				
		0.1 ± 0.05	275 ± 50				
		6 HP 1976 THRU 1979 (4500 RPM)					

*Horsepower established at sea level. Allow 2% reduction per 1000' (300 m) above sea level.