



# IMPORTANT INFORMATION

## Section 1A - Specifications

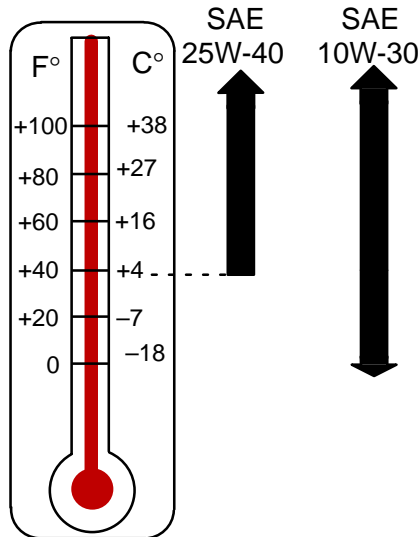
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### Specifications

<b>Models 40/50/60 EFI (4-Stroke)</b>		
<b>HORSEPOWER (kW)</b>	<b>Model 40 Model 50 Model 60</b>	40 hp (29.8 Kw) @ 5750 rpm 50 hp (37.7 Kw) @ 5750 rpm 60 hp (44.7 Kw) @ 5750 rpm
<b>OUTBOARD WEIGHT</b>	<b>Electric 40/50/60 ELPT 40/50/60 ELPT BIGFOOT</b>	248 lb (112.7 kg) 264 lb (119.9 kg)
<b>FUEL</b>	<b>RECOMMENDED GASOLINE</b>	Automotive Unleaded with a Minimum Pump Posted Octane Rating of 87
<b>OIL</b>	<b>OIL FILTER OIL FILTER WRENCH ENGINE OIL CAPACITY ENGINE OIL</b>	<p>p/n 35-822626A2 p/n 91-802653Q1 Either 3 Quarts or 3 Liters SAE 10W-30 viscosity oil is recom- mended for use in all temperatures. SAE 25W-40 viscosity oil may be used at temperatures above 40° F (4° C).</p> <p>Use Quicksilver 4-Cycle Marine Oil with the proper viscosity for the expected temperature in your area (see range thermometer on left). If not available, use a premium quality 4-cycle engine oil, cer- tified to meet or exceed anyone of the following American Petroleum Institute (API) service classifications SH, SG, SF, CF-4, CE, CD, CDII.</p>



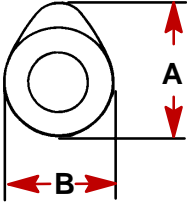
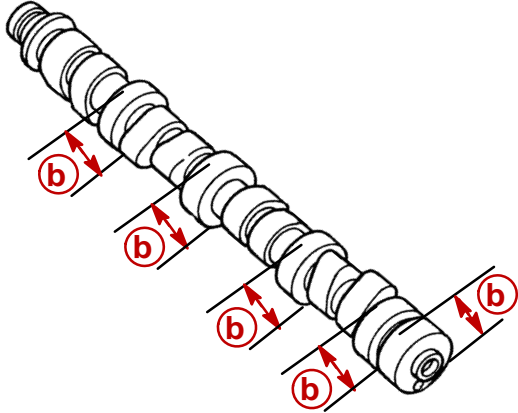
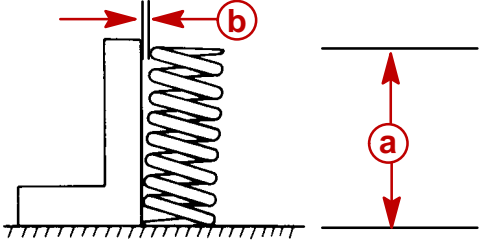


<p style="text-align: center;"><b>IGNITION SYSTEM</b></p> <p>Readings taken @ 68°F (20°C).</p>	<p><b>Type</b>  <b>Spark Plug:</b>              <b>Type</b>              <b>Gap</b>              <b>Hex Size</b>              <b>Torque</b>              <b>Hole Size</b>  <b>Firing Order</b>  <b>Ignition Timing:</b>              @ Idle              @ 1500-1800              @ WOT (6000 rpm)  <b>Stator Resistance</b>  <b>Crank Position Sensor (CPS) Resistance</b>  <b>Ignition Coil Resistance:</b>              <b>Internal Shielding</b>              <b>Electronic Spark Trigger (EST) Secondary</b>              <b>High Tension Lead/Boot Resistance</b>  <b>ECM Engine Speed Limiter Fuel/Spark Cut-out on Cylinders #2 and #3</b>  <b>Fuel/Spark Cut-out on All Cylinders</b>  <b>ECM Overheat Speed Control</b>   <b>ECM Low Oil Pressure Speed Control</b>   <b>MAT/ECT Temperature Sensor</b>  <b>Manifold Absolute Pressure (MAP) Sensor Resistance</b>  <b>Fuel Injector Resistance</b>  <b>Main Power Relay</b>  <b>Idle Air Control (IAC)</b>  <b>Throttle Position Sensor Typical Range</b>              <b>Output Voltage @ Idle</b>              <b>Output Voltage @ WOT (6000)</b></p>	<p>Capacitor Discharge Ignition</p> <p>Champion RA8HC          0.040 in. (1.0 mm)          5/8 in. (16 mm)          150 lb-in. (17 Nm)          12 mm          1-3-4-2</p> <p>Controlled by ECM          14° B.T.D.C          28° B.T.D.C          0.20 - 0.30 Ω (YEL-YEL)           300 - 350 Ω (RED - WHT)           0 - 10.0 KΩ (Pin A - Mounting Bracket)          8.5 - 12KΩ (Pin B - Pin C)          3.0 - 7.0 kΩ (Pin A - Coil Tower)           0.600 - 1.100 KΩ           6225 rpm           6350 rpm          Guardian System is activated. Power limit will vary with level of overheat.           Guardian System is activated. Engine power is limited to 10% of maximum (Approximately 2000 RPM)          See Graph Section 3B - EFI           See Table Section 3B - EFI          10.0 - 13.5Ω           81-99 Ω (Pin 85 - Pin 86)          24-30 Ω (Between Pins)           0.39-1.00 Volts          3.66-4.80 Volts</p>
<p style="text-align: center;"><b>CHARGING SYSTEM</b></p> <p>Readings taken @ 68°F (20°C).</p>	<p><b>Alternator Type:</b>  <b>20 Amp. Electric Alternator Output</b>   <b>Stator Resistance</b>  <b>Quicksilver Tachometer Setting</b></p>	<p>Single Phase (12 Pole)          12.6 V-20 Amps. (252 Watts)          (Rectified/Regulated)          0.20 - 0.30 Ohms (YEL-YEL)          "6P" or "4"</p>
<p style="text-align: center;"><b>STARTING SYSTEM</b></p>	<p><b>Electric Start:</b>  <b>Starter Type</b>  <b>Output</b>  <b>Ampere Draw Under:</b>              <b>(Load)</b>              <b>(No Load)</b></p>	<p>Bendix          1.1 kW           174.0 Amps          23.7 Amps</p>

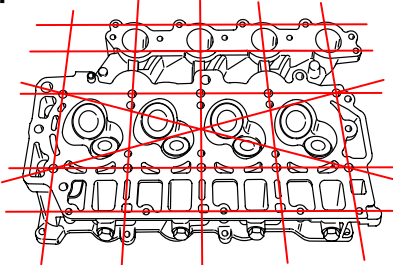
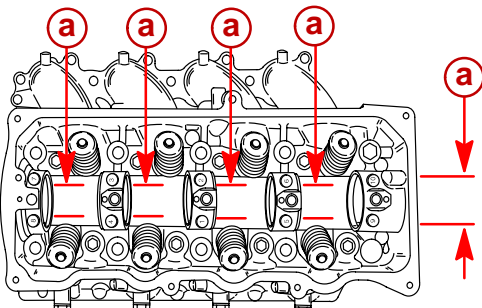
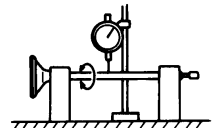


<b>BATTERY</b>	<b>Battery Rating</b> <b>Minimum Requirement</b>  <b>For operation below 32° F (0° C)</b>	465 Marine Cranking Amps (MCA) or 350 Cold Cranking Amps (CCA) 1000 Marine Cranking Amps (MCA) or 775 Cold Cranking Amps (CCA)
	<b>Ampere-Hours (Ah) Minimum</b> <b>For operation above 32° F (0° C)</b> <b>For operation below 32° F (0° C)</b>	70 105
<b>FUEL SYSTEM</b>	<b>Fuel Pump Type</b>	Mechanical Water Cooled (Plunger/Diaphragm)
	<b>Fuel Pump:</b> <b>Pressure</b> <b>Fuel Tank Capacity</b>	3-6 psi Accessory
<b>FUEL INJECTION</b>	<b>Fuel Injector System</b>	Batch (1 & 4) - (2 & 3)
	<b>Idle rpm (Out Of Gear)</b> <b>Idle rpm (In Forward Gear)</b> <b>Wide Open Throttle rpm (WOT) Range</b> <b>Fuel Pump Pressure - Electric</b>	725 ± 25 rpm 725 ± 25 rpm 5500-6000 42-44 psi (290-303 kPa)
<b>CYLINDER BLOCK</b>	<b>Type</b>	4 Stroke Cycle – Over Head Camshaft
	<b>Displacement</b> <b>Number of Cylinders</b>	60.8 cu. in. (995 cc) 4
<b>STROKE</b>	<b>Length</b>	2.953 in. (75 mm)
<b>CYLINDER BORE</b>	<b>Diameter</b> <b>Standard</b> <b>Oversize-0.010 in. (0.25 mm)</b> <b>Oversize-0.020 in. (0.50 mm)</b>	2.5591 in. (65 mm) 2.5689 in. (65.25 mm) 2.5787 in. (65.5 mm)
	<b>Taper/Out of Round Maximum</b> <b>Bore Type</b>	0.003 in. (0.08 mm) Cast Iron
<b>PISTON</b>	<b>Piston Type</b> <b>O.D. at Skirt</b> <b>Standard</b> <b>Oversize-0.010 in. (0.25 mm)</b> <b>Oversize-0.020 in. (0.50 mm)</b>	Aluminum 2.5570 - 2.5578 in. (64.950 - 64.965 mm) 2.5669 - 2.5675 in. (65.2 - 65.215 mm) 2.5768 - 2.5774 in. (65.450 - 65.465 mm)
	<b>PISTON CLEARANCE</b>	<b>Piston to Cylinder Clearance</b>
<b>RINGS</b>	<b>Ring End Gap (Installed)</b> <b>Top</b> <b>Middle</b> <b>Bottom (Oil Ring)</b>	0.006 - 0.012 in. (0.15 - 0.03 mm) 0.012 - 0.020 in. (0.30 - 0.50 mm) 0.008 - 0.028 in. (0.20 - 0.70 mm)
	<b>Side Clearance:</b> <b>Top</b> <b>Middle</b>	0.0008 - 0.0024 in. (0.02 - 0.06 mm) 0.0008 - 0.0024 in. (0.02 - 0.06 mm)
<b>COMPRESSION RATIO</b>	<b>Compression Ratio</b> <b>Cylinder Compression*</b> <b>(Electric Models Only, Cold Engine @ W.O.T.)</b>	9.7:1 180 - 210 psi (Peak)
<b>PISTON PIN</b>	<b>Piston Pin Diameter</b>	0.6285 - 0.6287 in. (15.965 - 15.970 mm)
<b>CONNECTING ROD</b>	<b>Oil Clearance (Big End)</b>	0.0008 - 0.0020 in. (0.020 - 0.052 mm)
	<b>Small End Inside Diameter</b>	0.6293 - 0.6298 in. (15.985 - 15.998 mm)



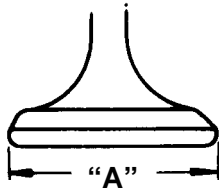
<p><b>CRANKSHAFT</b></p>	<p><b>Main Bearing Clearance</b> <b>Crankshaft Run-out</b></p>	<p>0.0005 - 0.0017 in. (0.012 - 0.044 mm) 0.0018 in. (0.046 mm)</p>
<p><b>CAMSHAFT</b></p>	<p><b>Camshaft Dimensions</b> Intake "A" Exhaust "A" Intake "B" Exhaust "B"</p>  <p><b>Run-out Limit</b> <b>Camshaft Bearing Diameter "b"</b></p> 	<p>1.214 - 1.222 in. (30.83 - 31.03 mm) 1.214 - 1.222 in. (30.83 - 31.03 mm) 1.020 - 1.028 in. (25.90 - 26.10 mm) 1.020 - 1.028 in. (25.90 - 26.10 mm)</p> <p>0.0039 in. (0.1 mm) 1.4541 - 1.4549 in. (36.935 - 36.955 mm)</p>
<p><b>VALVE SPRING</b></p>	<p><b>Free Length "a"</b> <b>Tilt Limit "b"</b></p>  <p><b>Compressed Pressure (Installed)</b> Intake Exhaust <b>Tilt Limit (Intake &amp; Exhaust)</b> <b>Dir. of Winding (Intake &amp; Exhaust)</b></p>	<p>1.491-1.569 in. (37.85-39.85 mm) Less than 0.060 in. (1.7 mm)</p> <p>19.8 - 22.0 lbs. (9.0 - 10.0 kg) 19.8 - 22.0 lbs. (9.0 - 10.0 kg) 0.043 in. (1.1 mm) Left Hand</p>



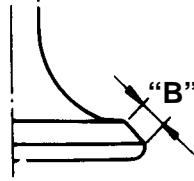
<p><b>CYLINDER HEAD</b></p>	<p><b>Warp Limit</b></p>  <p>* Lines indicate straight edge measurement</p> <p><b>Camshaft Bore Inside Diameter "a"</b></p> 	<p>0.004 in. (0.1 mm)</p> <p>1.4567 - 1.4577 in. (37.000 - 37.025 mm)</p>
<p><b>VALVES</b></p>	<p><b>Valve/Valve Seat/Valve Guides:</b> <b>Valve Clearance (cold)</b> Intake Exhaust</p> <p><b>Valve Dimensions:</b> <b>"A" Head Diameter</b> Intake Exhaust</p> <p><b>"B" Face Width</b> Intake Exhaust</p> <p><b>"C" Seat Width</b> Intake Exhaust</p> <p><b>"D" Margin Thickness</b> Intake Exhaust</p> <p><b>Stem Outside Diameter</b> Intake Exhaust</p> <p><b>Guide Inside Diameter</b> Intake Exhaust</p> <p><b>Stem To Guide Clearance</b> Intake Exhaust</p> <p><b>Stem Run-out Limit (max.)</b></p> 	<p>0.006 - 0.010 in. (0.15 - 0.25 mm) 0.010 - 0.014 in. (0.25 - 0.35 mm)</p> <p>1.256 - 1.264 in. (31.9 - 32.1 mm) 1.020 - 1.028 in. (25.9 - 26.1 mm)</p> <p>0.079 - 0.124 in. (2.00 - 3.14 mm) 0.079 - 0.124 in. (2.00 - 3.14 mm)</p> <p>0.035 - 0.043 in. (0.9 - 1.1 mm) 0.035 - 0.043 in. (0.9 - 1.1 mm)</p> <p>0.020 - 0.035 in. (0.5 - 0.9 mm) 0.020 - 0.035 in. (0.5 - 0.9 mm)</p> <p>0.2156 - 0.2161 in. (5.475 - 5.490 mm) 0.2150 - 0.2156 in. (5.460 - 5.475 mm)</p> <p>0.2165 - 0.2170 in. (5.500 - 5.512 mm) 0.2165 - 0.2170 in. (5.500 - 5.512 mm)</p> <p>0.0004 - 0.0015 in. (0.010 - 0.037 mm) 0.0010 - 0.0020 in. (0.025 - 0.052 mm) 0.0006 in. (0.016 mm)</p>



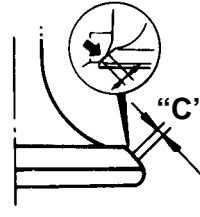
### Valve Dimensions



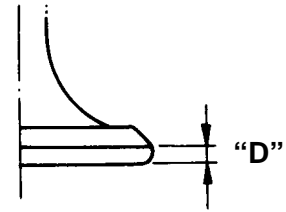
Head Diameter



Face Width



Seat Width



Margin Thickness

<b>ROCKER SHAFT</b>	<b>Outside Diameter</b>	0.6288 - 0.6296 in. (15.971 - 15.991 mm)
<b>ROCKER ARM</b>	<b>Inside Diameter of Bore</b>	0.6299 - 0.6306 in. (16.000 - 16.018 mm)
<b>THERMOSTAT</b>	<b>Valve Opening Temperature</b> <b>Full Open Temperature</b>	118° F - 123° F (48° C - 51° C) 145° F (63° C)
<b>LUBRICATION SYSTEM</b>	<p><b>Pump Type</b>  <b>Engine Oil Pressure (Warm Engine) @ 3000 rpm</b>  <b>Engine Oil Pan Capacity</b>  <b>Oil Pump:</b>                      Outer Rotor to Housing "a"                      Inner Rotor to Outer Rotor "b"                      Rotor to Housing "c"</p>	<p>Trochoid</p> <p>30-40 psi (207-278 kPa)                      Either 3 Qts. or 3 Liters</p> <p>0.0045 - 0.009 in. (0.11 - 0.23 mm)                      0.005 in. (0.12 mm)                      0.0015 - 0.003 in. (0.04 - 0.08 mm)</p>
<b>MID-SECTION</b>	<p><b>Transom Height:</b>                      Long Shaft  <b>Steering Pivot Range:</b>                      Tiller                      Remote  <b>Full Tilt Up Angle</b>  <b>Allowable Transom Thickness</b></p>	<p>20 in. (51 cm)</p> <p>90°                      60°                      71°                      2-3/4 in. (69.8 mm)</p>



<p><b>GEAR HOUSING (1.83:1)</b></p>	<p><b>Gear Ratio</b>  <b>Gearcase Capacity</b>  <b>Lubricant Type</b>  <b>Forward Gear</b>      <b>Number of Teeth</b>  <b>Pinion Gear</b>      <b>Number of Teeth</b>  <b>Pinion Height</b></p> <p><b>Forward Gear Backlash</b></p> <p><b>Water Pressure (Warm Engine)</b>      <b>@ 800 rpm</b>      <b>@ 6000 rpm (WOT)</b>  <b>Leak Test Pressure</b></p>	<p>1.83:1  11.5 fl oz (340 mL)  Quicksilver Gear Lube-Premium Blend</p> <p>22 Spiral/Bevel</p> <p>12 Spiral/Bevel  0.025 in. (0.64 mm)  Pinion Gear Locating Tool  (91-817008A2)  0.011-0.017 in. (0.28-0.43 mm)  Backlash Indicator Tool (91-19660--1)  MARK #4 or 0.366 in. (9.3 mm)</p> <p>1–3 psi (7-21 kPa)  12–25 psi (83-172 kPa)  10-12 psi (68-83 kPa)  for 5 Minutes</p>
<p><b>GEAR HOUSING BIGFOOT (2.3:1)</b></p>	<p><b>Gear Ratio</b>  <b>Gearcase Capacity</b>  <b>Lubricant Type</b>  <b>Forward Gear</b>      <b>Number of Teeth</b>  <b>Pinion Gear</b>      <b>Number of Teeth</b>  <b>Pinion Height</b>      <b>Pinion Gear Locating Tool</b>      <b>Flat Number</b>      <b>Disc Number</b>  <b>Forward Gear Backlash</b>      <b>Backlash Indicating Tool</b>      <b>Mark Number</b>  <b>Water Pressure</b>      <b>@ 800 rpm (Idle)</b>      <b>@ 6000 rpm (WOT)</b>  <b>Leak Test Pressure</b></p>	<p>2.31:1  24 fl oz (710 mL)  Quicksilver Gear Lube-Premium Blend</p> <p>30 Spiral/Bevel</p> <p>13 Spiral/Bevel  0.025 in. (0.64 mm)  91-12349A2  #8  #3  0.012-0.019 in. (0.30-0.48 mm)  91-78473  #4</p> <p>2-6 psi (14-41 kPa)  12-25 psi (83-172 kPa)  10-12 psi (69-83 kPa)  for 5 Minutes</p>



## Propeller Information Charts

### Mercury/Mariner 40 EFI (4-Stroke) 1.83:1 Non-Bigfoot

Wide Open Throttle RPM : 5500-6000

Recommended Transom Heights : 20", 22.5"

Right Hand Rotation Standard

Gear Reduction : 1.83:1

Diameter	Pitch	No. of Blades	Material	Approx. Gross Boat Wgt. (lbs)	Approx. Boat Length	Speed Range (mph)	Propeller Part Number
10"	17"	3	Alum	Up to 800	Up to 15'	43-50	48-73144A40
10"	16"	3	Steel	800-1000	Up to 15'	39-46	48-91818A5
10"	16"	3	Alum	800-1000	Up to 15'	39-46	48-73142A40
10-1/8"	15"	3	Steel	900-1200	13-15'	36-43	48-855862A5
10-1/8"	15"	3	Alum	900-1200	13-15'	36-43	48-73140A40
10-1/4"	14"	3	Steel	1000-1200	14-16'	33-39	48-855860A5
10-1/4"	14"	3	Alum	1000-1200	14-16'	33-39	48-73138A40
10-3/8"	13"	3	Steel	1100-1400	14-17'	30-35	48-855858A5
10-3/8"	13"	3	Alum	1100-1400	14-17'	30-35	48-73136A40
10-5/8"	12"	3	Steel	1300-1600	15-17'	27-32	48-855856A5
10-5/8"	12"	3	Alum	1300-1600	15-17'	27-32	48-73134A40
11-5/8"	10.5"	3	Steel	1500-1900	16-18'	24-29	48-823478A5
10-7/8"	11"	3	Alum	1500-1900	16-18'	24-29	48-85632A40
11-5/8"	10-1/2"	3	Alum	1600-2000	16' +	21-25	48-827312A10
11-1/4"	10"	3	Alum	1700-2200	17' +	19-24	48-73132A40
12-1/4"	9"	3	Steel	2000+	pontoon	17-21	48-97868A10
12-1/4"	9"	3	Alum	2000+	pontoon	17-21	48-87818A10
12-1/2"	8"	3	Alum	2500+	Pontoon/ houseboat	1-18	48-42738A10
12-1/2"	8" Cup	3	Alum		pontoon		48-42738A12





# Mercury/Mariner 50 EFI (4-Stroke) 1.83:1 Non-Bigfoot

Wide Open Throttle RPM : 5500-6000

Recommended Transom Heights : 20", 22.5"

Right Hand Rotation Standard

Gear Reduction : 1.83:1

Diameter	Pitch	No. of Blades	Material	Approx. Gross Boat Wgt. (lbs)	Approx. Boat Length	Speed Range (mph)	Propeller Part Number
10"	19"	3	Alum	Up to 800	Up to 14'	49-58	48-73146A40
10"	17"	3	Alum	Up to 900	Up to 15'	43-50	48-73144A40
10"	16"	3	Steel	900-1300	Up to 15'	39-46	48-91818A5
10"	16"	3	Alum	900-1300	Up to 15'	39-46	48-73142A40
10-1/8"	15"	3	Steel	1000-1400	13-15'	36-43	48-855862A5
10-1/8"	15"	3	Alum	1000-1400	13-15'	36-43	48-73140A40
10-1/4"	14"	3	Steel	1100-1600	14-16'	33-39	48-855860A5
10-1/4"	14"	3	Alum	1100-1600	14-16'	33-39	48-73138A40
10-3/8"	13"	3	Steel	1300-1800	14-17'	30-35	48-855858A5
10-3/8"	13"	3	Alum	1300-1800	14-17'	30-35	48-73136A40
10-5/8"	12"	3	Steel	1400-2000	15-17'	27-32	48-855856A5
10-5/8"	12"	3	Alum	1400-2000	15-17'	27-32	48-73134A40
11-5/8"	11"	3	Steel	1700-2400	16-18'	24-29	48-823478A5
10-7/8"	11"	3	Alum	1700-2400	16-18'	24-29	48-85632A40
11-5/8"	10-1/2"	3	Alum	1900-2700	16' +	21-25	48-827312A10
11-1/4"	10"	3	Alum	2100-3000	17' +	19-24	48-73132A40
12-1/4"	9"	3	Steel	2500+	pontoon	17-21	48-97868A10
12-1/4"	9"	3	Alum	2500+	pontoon	17-21	48-87818A10
12-1/2"	8"	3	Alum	3000+	Pontoon/ houseboat	1-18	48-42738A10
12-1/2"	8" Cup	3	Alum		pontoon		48-42738A12



## Mercury/Mariner 60 EFI (4-Stroke) 1.83:1 Non-Bigfoot

Wide Open Throttle RPM : 5500-6000

Recommended Transom Heights : 20", 22.5"

Right Hand Rotation Standard

Gear Reduction : 1.83:1

Diameter	Pitch	No. of Blades	Material	Approx. Gross Boat Wgt. (lbs)	Approx. Boat Length	Speed Range (mph)	Propeller Part Number
10"	19"	3	Alum	Up to 1000	Up to 14'	49-58	48-73146A40
10"	17"	3	Alum	Up to 1200	Up to 15'	43-50	48-73144A40
10"	16"	3	Steel	1200-1600	Up to 16'	39-46	48-91818A5
10"	16"	3	Alum	1200-1600	Up to 16'	39-42	48-73142A40
10-1/8"	15"	3	Steel	1300-1700	14-16'	36-43	48-855862A5
10-1/8"	15"	3	Alum	1300-1700	14-16'	36-43	48-73140A40
10-1/4"	14"	3	Steel	1400-2000	15-17'	33-39	48-855860A5
10-1/4"	14"	3	Alum	1400-2000	15-17'	33-39	48-73138A40
10-3/8"	13"	3	Steel	1600-2200	15-18'	30-35	48-855858A5
10-3/8"	13"	3	Alum	1600-2200	15-18'	30-35	48-73136A40
10-5/8"	12"	3	Steel	1800-2500	16-18'	27-32	48-855856A5
10-5/8"	12"	3	Alum	1800-2500	16-18'	27-32	48-73134A40
11-5/8"	11"	3	Steel	2300-3000	17-19'	24-29	48-823478A5
10-7/8"	11"	3	Alum	2300-3000	17-19'	24-29	48-85632A40
11-5/8"	10-1/2"	3	Alum	2500-3300	17' +	21-25	48-827312A10
11-1/4"	10"	3	Alum	2800-3600	18' +	19-24	48-73132A40
12-1/4"	9"	3	Steel	3300+	pontoon	17-21	48-97868A10
12-1/4"	9"	3	Alum	3300+	pontoon	17-21	48-87818A10
12-1/2"	8"	3	Alum	4000+	Pontoon/ houseboat	1-18	48-42738A10
12-1/2"	8" Cup	3	Alum		pontoon		48-42738A12



## Mercury/Mariner 40 EFI (4-Stroke) 2.3:1 Bigfoot

### Special soft rubber hub propellers designed to reduce clutch rattle

Wide Open Throttle rpm: 5500-6000

Recommended Transom Heights : 20", 25"

Right Hand Rotation Standard

Gear Reduction : 2.31:1

**IMPORTANT: These specially designed rubber hub propellers are rated for 60 horsepower MAXIMUM.**

Diameter	Pitch	No. of Blades	Material	Approx. Gross Boat Wgt. (lbs)	Approx. Boat Length	Speed Range (mph)	Propeller Part Number
13-3/4"	15"	3	Alum	1200-1500	14-16'	27-32	48-77342A33
14"	13"	3	Alum	1500-2000	16-18'	22-27	48-77340A33
14"	11"	3	Alum	2000-3000	pontoon	17-21	48-77338A33
14"	10"	3	Alum	2500+	pontoon/work	14-19	48-854342A33
14"	9"	3	Alum	3500+	houseboat/ work	1-15	48-854340A33

## Mercury/Mariner 50 EFI (4-Stroke) 2.3:1 Bigfoot

### Special soft rubber hub propellers designed to reduce clutch rattle

Wide Open Throttle rpm: 5500-6000

Recommended Transom Heights : 20", 25"

Right Hand Rotation Standard

Gear Reduction : 2.31:1

**IMPORTANT: These specially designed rubber hub propellers are rated for 60 horsepower MAXIMUM.**

Diameter	Pitch	No. of Blades	Material	Approx. Gross Boat Wgt. (lbs)	Approx. Boat Length	Speed Range (mph)	Propeller Part Number
13-3/4"	15"	3	Alum	1500-2000	14-16'	25-32	48-77342A33
14"	13"	3	Alum	1800-2600	16-18'	23-27	48-77340A33
14"	11"	3	Alum	2800-4000	pontoon	17-21	48-77338A33
14"	10"	3	Alum	3000+	pontoon/work	14-19	48-854342A33
14"	9"	3	Alum	5000+	houseboat/ work	1-16	48-854340A33



## Mercury/Mariner 60 EFI (4-Stroke) 2.3:1 Bigfoot

### Special soft rubber hub propellers designed to reduce clutch rattle

Wide Open Throttle rpm: 5500-6000

Recommended Transom Heights : 20", 25"

Right Hand Rotation Standard

Gear Reduction : 2.31:1

**IMPORTANT:** These specially designed rubber hub propellers are rated for 60 horsepower **MAXIMUM**.

Diameter	Pitch	No. of Blades	Material	Approx. Gross Boat Wgt. (lbs)	Approx. Boat Length	Speed Range (mph)	Propeller Part Number
13-3/4"	15"	3	Alum	2000-2500	16-18'	25-32	48-77342A33
14"	13"	3	Alum	2300-3200	17-20'	23-27	48-77340A33
14"	11"	3	Alum	3000-4300	pontoon	17-21	48-77338A33
14"	10"	3	Alum	3500+	pontoon/work	14-19	48-854342A33
14"	9"	3	Alum	5500+	houseboat/ work	1-16	48-854340A33