

## Engine Specifications 60 thru 75

### Operation

Full Throttle Operating Range	<b>60, 65</b> - 4500 to 5500 RPM <b>70</b> - 5000 to 6000 RPM <b>75</b> - 5200 to 5800 RPM
Power	<b>60</b> - 60 HP (44,8 kw) <b>65</b> - 65 HP (46,2 kw) <b>70</b> - 70 HP (52,2 kw) <b>75</b> - 75 HP (52,3 kw)
Power Rated @	<b>60, 65</b> - 5000 RPM <b>70, 75</b> - 5500 RPM
Idle RPM in Gear	725 ±25 RPM
Test Wheel	OMC P/N 386665 <b>75</b> Standard OMC P/N 386950
Minimum Test Wheel RPM	<b>75</b> - 5200 RPM <b>60, 75</b> - 5000 RPM <b>70</b> - 5700 RPM
Weight:	
<b>75</b> Standard Length	198 lbs. (89,8 kg)
Long Shaft-Manual Tilt	230 lbs. (104,3 kg)
Long Shaft-PT/T	248 lbs. (112,5 kg)
<b>65</b> Extra Long Shaft	235 lbs. (106,6 kg)

### Powerhead

Displacement	<b>60, 65, 75</b> - 49.7 cu. in. (814 cm <sup>3</sup> ) <b>70</b> - 56.1 cu. in. (913 cm <sup>3</sup> )
Bore	<b>60, 65, 75</b> - 3.000 in. (76,20 mm) <b>70</b> - 3.188 in. (80,97 mm)
Stroke	2.3437 in. (59,53 mm)
Standard Bore *	<b>60, 65, 75</b> - 2.9995 to 3.0005 in. (76,19-76,21 mm) <b>70</b> - 3.1870 to 3.1880 in. (80,95-80,97 mm)
Crankshaft Dimensions:	
Top Journal	1.4974-1.4979 in. (38,03-38,05 mm)
Center Journals	1.3748-1.3752 in. (34,92-34,93 mm)
Bottom Journal	1.1810-1.1815 in. (30,00-30,01 mm)
Rod Crankpin	1.1823-1.1828 in. (30,03-30,04 mm)
Piston Diameter, Standard	<b>60, 65, 75</b> - 2.9940 to 2.9950 in. (76,05-76,07 mm) <b>70</b> - 3.1806 to 3.1841 in. (80,79-80,88 mm)
Piston Ring End Gap, Both	0.007-0.017 in. (0,18-0,43 mm)
Piston Ring Groove Side Clearance, Lower	0.004 in. maximum (0,10 mm maximum)

\* To bore oversize, add piston oversize dimension to standard bore.

## Engine Specifications 90 thru 110

### Operation

Full Throttle Operating Range	4500 to 5500 RPM
Power	<b>90</b> - 90 HP (67,1 kw) <b>100</b> - 100 HP (74,6 kw) <b>110</b> - 110 HP (82,0 kw)
Power Rated @	5000 RPM
Idle RPM in Gear	650 ±50 RPM
Test Wheel	<b>90, 110</b> - OMC P/N 386246 <b>100</b> - OMC P/N 387388
Minimum Test Wheel RPM	4800 RPM
Weight: Manual Tilt Models	288 lbs. (131 kg)
Long Shaft	301 lbs. (136,5 kg)
Extra Long Shaft	306 lbs. (139 kg)

### Powerhead

Displacement	99.6 cu. in. (1632 cm <sup>3</sup> )
Bore	3.500 in. (88,90 mm)
Stroke	2.588 in. (65,74 mm)
Standard Bore *	3.4995-3.5005 in. (88,89-88,91 mm)
Crankshaft Dimensions:	
Top Journal	1.6199-1.6204 in. (41,15-41,16 mm)
Center Journal	2.1870-2.1875 in. (55,55-55,56 mm)
Bottom Journal	1.3779-1.3784 in. (35,00-35,01 mm)
Rod Crankpin	1.3757-1.3762 in. (34,94-34,96 mm)
Piston Diameter, Standard	<b>90, 110</b> - 3.4930-3.4950 in. (88,72-88,77 mm) <b>100</b> - 3.4955-3.4965 in. (88,79-88,81 mm)
Piston Ring End Gap, Both	0.007-0.017 in. (0,18-0,43 mm)
Piston Ring Groove Side Clearance, Lower	0.004 in. maximum (0,10 mm maximum)

\* To bore oversize, add piston oversize dimension to standard bore.

## Engine Specifications 120, 140

### Operation

Full Throttle Operating Range	5000 to 6000 RPM
Power	<b>120</b> - 120 HP (89,5 kw) <b>140</b> - 140 HP (104,4 kw)
Power Rated @	5500 RPM
Idle RPM in Gear	650 ±50 RPM
Test Wheel	OMC P/N 386246
Minimum Test Wheel RPM	<b>120</b> - 5300 RPM <b>140</b> - 5500 RPM
Weight: Long Shaft	365 lbs. (165,6 kg)
Extra Long Shaft	370 lbs. (167,8 kg)

### Powerhead

Displacement	110 cu. in. (1800 cm <sup>3</sup> )
Bore	3.500 in. (88,9 mm)
Stroke	2.860 in. (72,6 mm)
Standard Bore *	3.4995-3.5005 in. (88,89-88,91 mm)
Crankshaft Dimensions:	
Top Journal	1.6199-1.6204 in. (41,15-41,16 mm)
Center Journal	2.1870-2.1875 in. (55,55-55,56 mm)
Bottom Journal	1.5747-1.5752 in. (40,00-40,01 mm)
Rod Crankpin	1.4995-1.5000 in. (38,09-38,10 mm)
Piston Diameter, Standard	3.4958-3.4968 in. (88,79-88,82 mm)
Piston Ring End Gap, Both	0.007-0.017 in. (0,18-0,43 mm)
Piston Ring Groove Side Clearance, Lower	0.004 in. maximum (0,10 mm maximum)

\* To bore oversize, add piston oversize dimension to standard bore.

## Engine Specifications 150 thru 175

### Operation

Full Throttle Operating Range:	<b>150, 155</b> - 4500 to 5500 RPM <b>175</b> - 4750 to 5750 RPM
Power:	<b>150</b> - 150 HP (111,9 kw) <b>155</b> - 155 HP (115,6 kw) <b>175</b> - 175 HP (130,5 kw)
Power Rated @:	<b>150, 155</b> - 5000 RPM <b>175</b> - 5250 RPM
Idle RPM in Gear	650 ±50 RPM
Test Wheel:	<b>150, 175</b> - OMC P/N 387388 <b>155</b> - OMC P/N 392622
Minimum Test Wheel RPM:	<b>150, 155</b> - 4500 RPM <b>175</b> - 4800 RPM
Weight:	<b>150</b> Long Shaft 381 lbs. (172,8 kg) <b>150</b> Extra Long Shaft 386 lbs. (175,1 kg) <b>155, 175</b> Long Shaft 396 lbs. (179,6 kg) <b>155, 175</b> Extra Long Shaft 401 lbs. (181,9 kg)

### Powerhead

Displacement:	<b>150, 155</b> - 149.4 cu. in. (2448 cm <sup>3</sup> ) <b>175</b> - 160.3 cu. in. (2627 cm <sup>3</sup> )
Bore:	<b>150, 155</b> - 3.500 in. (88,90 mm) <b>175</b> - 3.625 in. (92,07 mm)
Stroke	2.588 in. (65,74 mm)
Standard Bore *	<b>150, 155</b> - 3.4995-3.5005 in. (88,89-88,91 mm) <b>175</b> - 3.6245-3.6255 in. (92,06-92,08 mm)
Crankshaft Dimensions:	
Top Journal	1.6199-1.6205 in. (41,15-41,16 mm)
Center Journals	2.1870-2.1875 in. (55,55-55,56 mm)
Bottom Journal	1.3779-1.3784 in. (35,00-35,01 mm)
Rod Crankpin	1.3757-1.3762 in. (34,94-34,95 mm)
Piston Diameter, Standard	<b>150, 155</b> - 3.4955-3.4965 in. (88,79-88,81 mm) <b>175</b> - 3.6195-3.6205 in. (91,94-91,96 mm)
Piston Ring End Gap, Both:	<b>150, 155</b> - 0.007-0.017 in. (0,18-0,43 mm) <b>175</b> - 0.020-0.033 in. (0,51-0,84 mm)
Piston Ring Groove Side Clearance, Lower	0.004 in. maximum (0,10 mm maximum)

\* To bore oversize, add piston oversize dimension to standard bore.

## Engine Specifications 200, 225

### Operation

Full Throttle Operating Range	5000 to 6000 RPM
Power	<b>200</b> - 200 HP (149,2 kw) <b>225</b> - 225 HP (167,8 kw)
Power Rated @	5500 RPM
Idle RPM in Gear	650 ±50 RPM
Test Wheel	OMC P/N 387388
Weight: Long	450 lbs. (203,9 kg) *
X-Long	455 lbs. (206,1 kg) *

\* Add 25 lbs. (11,4 kg) for power steering models.

### Powerhead

Displacement	165 cu. in. (2700 cm <sup>3</sup> )
Bore	3.500 in. (88,9 mm)
Stroke	2.860 in. (72,6 mm)
Standard Bore *	3.4995-3.5005 in. (88,89-88,91 mm)
Crankshaft Dimensions:	
Top Journal	1.6199-1.6204 in. (41,15-41,16 mm)
Center Journals	2.1870-2.1875 in. (55,55-55,56 mm)
Bottom Journal	1.5747-1.5752 in. (40,00-40,01 mm)
Rod Crankpin	1.4995-1.5000 in. (38,09-38,10 mm)
Piston Diameter, Standard	3.4958-3.4968 in. (88,79-88,80 mm)
Piston Ring End Gap, Both	0.007-0.017 in. (0,18-0,43 mm)
Piston Ring Groove Side Clearance, Lower	0.004 in. maximum (0,10 mm maximum)

\* To bore oversize, add piston oversize dimension to standard bore.