

# Engine Specifications 88 thru 110

## Operation

Full Throttle Operating Range	4500 to 5500 RPM
Power	<b>88</b> - 88 HP (65,6 kw) <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>88, 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>88, 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	0.019-0.031 in. (0,48-0,79 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> - 0.019-0.031 in. (0,48-0,79 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.