

Engine Specifications 85 thru 115

Operation

Full Throttle Operating Range	4500 to 5500 RPM
Power	85 - 85 HP (63,4 kw) 88 - 88 HP (65,6 kw) 90 - 90 HP (67,1 kw) 100 - 100 HP (74,6 kw) 115 - 115 HP (85,8 kw)
Power Rated @	5000 RPM
Idle RPM in Gear	650 ± 50

Test Propeller

85; 88; 90; 100WMP, WTP, STL; 115	OMC P/N 382861 @ 4800 RPM Min.
100WTL, WTX	OMC P/N 387388 @ 4800 RPM Min.

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Weight	ML - 288 lbs. (131 kg) TL - 301 lbs. (136,5 kg) TX, WTL - 306 lbs. (139 kg) WTX - 311 lbs. (141,1 kg) TTL - 314 lbs. (142,4 kg)
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Powerhead

Type	90° V4
Displacement	99.6 cu. in. (1632 cm ³)
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 Ring End Gap, Both	0.019-0.031 in. (0,48-0,79 mm)
Piston Ring Groove Side Clearance, Lower	0.004 in. (0,10 mm) maximum

Piston Diameter, Standard

85; 88; 90; 100STL; 115	3.4930-3.4950 in. (88,72-88,77 mm)
100WT, WM	3.4955-3.4965 in. (88,79-88,81 mm)

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