

Engine Specifications 90 thru 115

Operation

Full Throttle Operating Range	4500 to 5500 RPM
Power	90 – 90 HP (67,1 kw) 115 – 115 HP (85,8 kw)
Power Rated @	5000 RPM
Idle RPM in Gear	650 ± 50
Test Propeller	OMC P/N 382861
Minimum Test RPM	4800
Weight	TSL, WTL – 306 lbs. (139 kg) TSX, WTX – 311 lbs. (141,1 kg)

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	3.4930 - 3.4950 in. (88,72 - 88,77 mm)

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