

## Engine Specifications 90 and 115

### Operation

Full Throttle Operating Range	4500 to 5500 RPM
Power	<b>90</b> - 90 HP (67,1 kw) <b>115</b> - 115 HP (85,8 kw)
Power Rated @	5000 RPM
Idle RPM	1100 ± 50
Weight	<b>90</b> - 246 lbs. (112 kg) <b>115</b> - 250 lbs. (113 kg)

### Powerhead

Type	90° V4
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 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.