

Outboard Models Covered in This Service Manual

9.9 Models

J10RSS
J10TESS

J10RLSS
J10ELSS
J10TELSS

15 Models

J15WRSS
J15WRLSS
E15WRSS
E15WRLSS
E15BASS

J15RSS
J15RLSS
J15RTSS

J15TESS
J15ELSS
J15TELSS

25 Models

J25WRSS
J25WRLSS
E25WRSS
E25WRLSS
E25RDSS

J25RSS
J25TESS
J25ESS
J25JRSS

J25RLSS
J25TELSS
J25ELSS
J25RTSS

30 Models

J30RSS
J30RLSS
J30RPSS
J30RPLSS

J30ESS
J30ELSS
E30BASS

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Engine Specifications

9.9/15

Operation

Full Throttle Operating Range	5000 to 6000 RPM
Power	9.9 – 9.9 HP (7,4 kw) 15 – 15 HP (11,2 kw)
Power Rated @	5500 RPM
Idle RPM in Gear	700 ± 25
Test Propeller	OMC P/N 340177
Minimum Test RPM	9.9 – 4900 15 – 5700
Weight	R – 72 lbs. (33 kg) RL – 77 lbs. (35 kg) TE – 75 lbs. (34,4 kg) TEL, EL – 80 lbs. (36,4 kg)

Powerhead

Type	In-line 2-Cylinder
Displacement	15.6 cu. in. (255 cm ³)
Bore	2.375 in. (60,33 mm)
Stroke	1.760 in. (44,70 mm)
Standard Bore*	2.3745 - 2.3750 in. (60,31 - 60,33 mm)
Crankshaft Dimensions:	
Top Journal	0.8757 - 0.8762 in. (22,24 - 22,26 mm)
Center Journal	0.8120 - 0.8125 in. (20,63 - 20,64 mm)
Bottom Journal	0.7870 - 0.7874 in. (19,98 - 19,99 mm)
Rod Crankpin	0.8120 - 0.8125 in. (20,63 - 20,64 mm)
Piston Ring End Gap, Both	0.005 - 0.015 in. (0,13 - 0,38 mm)
Piston Ring Groove Side Clearance, Lower	0.004 in. (0,10 mm) maximum

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

Engine Specifications 15 Comm.

Operation

Full Throttle Operating Range	5000 to 6000 RPM
Power	15 HP (11,2 kw)
Power Rated @	5500 RPM
Idle RPM in Gear	700 ± 25
Test Propeller	OMC P/N 386537
Minimum Test RPM	5700
Weight	WR – 72 lbs. (33 kg) WRL – 77 lbs. (35 kg)

Powerhead

Type	In-line 2-Cylinder
Displacement	15.6 cu. in. (255 cm ³)
Bore	2.375 in. (60,33 mm)
Stroke	1.760 in. (44,70 mm)
Standard Bore*	2.3745 - 2.3750 in. (60,31 - 60,33 mm)
Crankshaft Dimensions:	
Top Journal	0.8757 - 0.8762 in. (22,24 - 22,26 mm)
Center Journal	0.8120 - 0.8125 in. (20,63 - 20,64 mm)
Bottom Journal	0.7870 - 0.7874 in. (19,98 - 19,99 mm)
Rod Crankpin	0.8120 - 0.8125 in. (20,63 - 20,64 mm)
Piston Ring End Gap, Both	0.005 - 0.015 in. (0,13 - 0,38 mm)
Piston Ring Groove Side Clearance, Lower	0.004 in. (0,10 mm) maximum

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

Engine Specifications

25/30

Operation

Full Throttle Operating Range	25, 25 Comm. – 4500 to 5500 RPM 30 – 5200 to 5800 RPM
Power	25 – 25 HP (18,7 kw) 30 – 30 HP (22,4 kw)
Power Rated @	25 – 5000 RPM 30 – 5500 RPM
Idle RPM in Gear	675 ± 25
Test Propeller	OMC P/N 434505*
Minimum Test RPM	25 – 4800 25 Comm. – 4800 30 – 5400
Weight	R – 114 lbs. (51,8 kg) Long Shaft – Add 2 lbs. (0,9 kg) TE – 120 lbs. (54,5 kg) Long Shaft – Add 2 lbs. (0,9 kg) E – 118 lbs. (53,6 kg) Long Shaft – Add 2 lbs. (0,9 kg)

*Test Propeller P/N 394145 can be used if trim tab is removed.

Powerhead

Type	In-line 2-Cylinder
Displacement	31.8 cu. in. (521 cm ³)
Bore	3.000 in. (76,20 mm)
Stroke	2.250 in. (57,15 mm)
Standard Bore*	2.9995 - 3.0005 in. (76,19 - 76,21 mm)
Crankshaft Dimensions:	
Top Journal	1.2510 - 1.2515 in. (31,78 - 31,79 mm)
Center Journal	1.1833 - 1.1838 in. (30,06 - 30,07 mm)
Bottom Journal	0.9842 - 0.9846 in. (25,00 - 25,01 mm)
Rod Crankpin	1.1823 - 1.1828 in. (30,03 - 30,04 mm)
Piston Diameter, Standard	See Section 4
Piston Ring End Gap, Both	0.007 - 0.017 in. (0,18 - 0,43 mm)
Piston Ring Groove Side Clearance, Lower	0.004 in. (0,10 mm) maximum

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