

Outboard Models Covered in This Service Manual

25 Models

J25R3SS
J25RL3SS
J25TEL3SS
J25PL3SS

35 Models

E35ARSS
E35KSS

J35E3SS
J35EL3SS
J35PL3SS
J35TEL3SS
J35R3SS
J35RL3SS

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Engine Specifications 25 and 35

Operation

Full Throttle Operating Range	5200 to 5800 RPM
Power	25 – 25 HP (18,7 kw) 35 – 35 HP (26,1 kw)
Power Rated @	5500 RPM
Idle RPM in Gear	See Page 1-33
Test Propeller	OMC P/N 434505
Minimum Test RPM	25 – 4200 35 – 5000
Weight:	25R3; 35R3 – 151 lbs. (68,9 kg) 25RL3; 35RL3 – 156 lbs. (71,2 kg) 25TEL3; 35TEL3 – 159 lbs. (72,6 kg) 35EL3 – 160 lbs. (73 kg) 25PL3; 35PL3 – 170 lbs. (77 kg)

Powerhead

Type	Two-Cycle, In-line 3-Cylinder, Loop-Charged
Displacement	25 – 30.5 cu. in. (500 cc) 35 – 34.5 cu. in. (565 cc)
Bore	25 – 2.350 in. (59,69 mm) 35 – 2.500 in. (63,50 mm)
Stroke	2.344 in. (59,54 mm)
Standard Bore*	25 – 2.3495 - 2.3505 in. (59,68 - 59,70 mm) 35 – 2.4995 - 2.5005 in. (63,49 - 63,51 mm)
Crankshaft Dimensions:	
Top Journal	1.4979 - 1.4984 in. (38,05 - 38,06 mm)
Center Journals	1.3748 - 1.3752 in. (34,92 - 34,93 mm)
Bottom Journal	1.1810 - 1.1815 in. (30,00 - 30,01 mm)
Rod Crankpin	1.1823 - 1.1828 in. (30,03 - 30,04 mm)
Piston Diameter, Standard	25 – 2.3440 - 2.3450 (59,54 - 59,56 mm) 35 – 2.4940 - 2.4950 (63,35 - 63,37 mm)
Piston Ring End Gap, Both	0.005 - 0.020 in. (0,13 - 0,51 mm)

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