

# Engine Specifications

## 40, 50SPL, 50

### Operation

Full Throttle Operating Range	4500 to 5500 RPM
Power	40 – 40 HP (29,8 kw) 50SPL, 50 – 50 HP (37,0 kw)
Power Rated @	5000 RPM
Idle RPM in Gear	800 ± 25
Test Propeller	OMC P/N 432968
Minimum Test RPM	40 – 4900 50SPL, 50 – 5200
Weight	R, E, TE – 180 lbs. (81,1 kg) RL, EL, TL, TEL – 185 lbs. (84,0 kg)

### Powerhead

Type	In-line 2-Cylinder
Displacement	45 cu. in. (737 cm <sup>3</sup> )
Bore	3.1875 in. (80,96 mm)
Stroke	2.820 in. (71,63 mm)
Standard Bore*	3.1870 - 3.1880 in. (80,95 - 80,98 mm)
Crankshaft Dimensions:	
Top Journal	1.4986 - 1.4991 in. (38,06 - 38,08 mm)
Center Journal	1.3745 - 1.3749 in. (34,91 - 34,92 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	See <b>Section 4</b>
Piston Ring End Gap, Both	0.019 - 0.031 in. (0,48 - 0,79 mm)

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

### Gearcase

Gear Ratio	12:29 (0.414)
Lubricant	OMC <i>Ultra-HPF</i> Gearcase Lube
Capacity	16.4 fl. oz. (485 ml)

## Engine Specifications 40RS Comm.

### Operation

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Full Throttle Operating Range	4500 to 5500 RPM
Power	40 HP (29,8 kw)
Power Rated @	5000 RPM
Idle RPM in Gear	800 ± 25
Test Propeller	OMC P/N 432968
Minimum Test RPM	5200
Weight	R – 180 lbs. (81,1 kg) L – 185 lbs. (84 kg) Y – 188 lbs. (86 kg)

### Powerhead

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Type	In-line 2-Cylinder
Displacement	45 cu. in. (737 cm <sup>3</sup> )
Bore	3.1875 in. (80,96 mm)
Stroke	2.820 in. (71,63 mm)
Standard Bore*	3.1870 - 3.1880 in. (80,95 - 80,98 mm)
Crankshaft Dimensions:	
Top Journal	1.4986 - 1.4991 in. (38,06 - 38,08 mm)
Center Journal	1.3745 - 1.3749 in. (34,91 - 34,92 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	See <b>Section 4</b>
Piston Ring End Gap, Both	0.010 - 0.022 in. (0,25 - 0,56 mm)

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

# Engine Specifications

## 40RP, 45, and 55 Comm.

### Operation

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Full Throttle Operating Range	4500 to 5500 RPM
Power	<b>40RP</b> – 40 HP (29,6 kw) 45 – 45 HP (33,6 kw) 55 – 55 HP (41,0 kw)
Power Rated @	5000 RPM
Idle RPM in Gear	800 ± 25
Test Propeller	OMC P/N 382861
Minimum Test RPM	5200
Weight	R – 184 lbs. (83,4 kg) L – 191 lbs. (86,6 kg) Y – 202 lbs. (91,6 kg)

### Powerhead

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Type	In-line 2-Cylinder
Displacement	45 cu. in. (737 cm <sup>3</sup> )
Bore	3.1875 in. (80,96 mm)
Stroke	2.820 in. (71,63 mm)
Standard Bore*	3.1870 - 3.1880 in. (80,95 - 80,98 mm)
Crankshaft Dimensions:	
Top Journal	1.4986 - 1.4991 in. (38,06 - 38,08 mm)
Center Journal	1.3745 - 1.3749 in. (34,91 - 34,92 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	See <b>Section 4</b>
Piston Ring End Gap, Both	0.010 - 0.022 in. (0,25 - 0,56 mm)

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