

## Engine Specifications 25D, 40, 48, 50

### Operation

Full Throttle Operating Range	4500 to 5500 RPM
Power	<b>25D</b> - 25 HP (18,4 kw) <b>40</b> - 40 HP (29,8 kw) <b>48</b> - 48 HP (35,8 kw) <b>50</b> - 50 HP (37,0 kw)
Power Rated @	5000 RPM
Idle RPM in Gear	750 ± 25
Test Propeller	<b>25D</b> - OMC P/N 433638 <b>40 thru 50</b> - OMC P/N 432968
Minimum Test RPM	<b>25D</b> - 5000 <b>40</b> - 4900 <b>48, 50</b> - 5200
Weight: <b>R, E, TE Models</b> <b>RL, EL, TL, TEL Models</b>	180 lbs. (81,1 kg) 185 lbs. (84,0 kg)

### Powerhead

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	1.4974-1.4979 in. (38,03-38,04 mm)
Center Journal	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	See <b>Section 4</b>
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.

## Engine Specifications 45 and 55 Comm.

### Operation

Full Throttle Operating Range	4500 to 5500 RPM
Power	<b>45</b> - 45 HP (33,6 kw) <b>55</b> - 55 HP (39,5 kw)
Power Rated @	5000 RPM
Idle RPM in Gear	725 ±25 RPM
Test Propeller	OMC P/N 382861
Minimum Test RPM	5200 RPM
Weight:	
R Models	184 lbs. (83,4 kg)
L Models	191 lbs. (86,6 kg)
Y Models	202 lbs. (91,6 kg)

### Powerhead

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. (80,95-80,96 mm)
Crankshaft Dimensions:	
Top Journal	1.4974-1.4979 in. (38,03-38,04 mm)
Center Journal	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	See <b>Section 4</b>
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.