

## Engine Specifications

### Colt™, Junior™

#### Operation

Full Throttle Operating Range	4500 to 5500 RPM
Power	1.25 HP (0,93 kw)
Power Rated @	5000 RPM
Idle RPM in Gear	675 ±25 RPM
Test Wheel	OMC P/N 316021 (4-9/16 in. dia. x 5/8 in. wide)
Minimum Test Wheel RPM	3900 RPM
Weight (Empty Integral Tank):	24 lbs. (10,9 kg)

#### Powerhead

Displacement	2.64 cu. in. (43 cm <sup>3</sup> )
Bore	1.567 in. (39,8 mm)
Stroke	1.374 in. (34,9 mm)
Standard Bore *	1.5675-1.5668 in. (39,80-39,82 mm)
Crankshaft Dimensions:	
Top Journal	0.7497-0.7502 in. (19,04-19,06 mm)
Bottom Journal	0.7497-0.7502 in. (19,04-19,06 mm)
Rod Crankpin	0.6695-0.6700 in. (17,01-17,02 mm)
Piston Diameter, Standard	See <b>Section 4</b>
Piston Ring End Gap, Both	0.015-0.025 in. (0,38-0,64 mm)
Piston Ring Groove Side Clearance, Both	0.004 in. maximum (0,10 mm maximum)

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

# Engine Specifications

## 2.5

### Operation

Full Throttle Operating Range	4000 to 5000 RPM
Power	2.5 HP (1,8 kw)
Power Rated @	4500 RPM
Idle RPM in Gear	625 ±25 RPM
Test Wheel	OMC P/N 317738 (5-1/4 in. dia. x 11/16 in. wide)
Minimum Test Wheel RPM	3500 RPM
Weight (Empty Fuel Tank):	32 lbs. (14,5 kg)

### Powerhead

Displacement	5.28 cu. in. (87 cm <sup>3</sup> )
Bore	1.565 in. (39,7 mm)
Stroke	1.374 in. (34,9 mm)
Standard Bore *	1.5643-1.5650 in. (39,74-39,75 mm)
Crankshaft Dimensions:	
Top Journal	0.7506-0.7510 in. (19,06-19,08 mm)
Center Journal	0.6685-0.6690 in. (16,98-16,99 mm)
Bottom Journal	0.7498-0.7502 in. (19,05-19,06 mm)
Rod Crankpin	0.6695-0.6700 in. (17,00-17,02 mm)
Piston Diameter, Standard	See <b>Section 4.</b>
Piston Ring End Gap, Both	0.005-0.015 in. (0,13-0,38 mm)
Piston Ring Groove Side Clearance, Both	0.004 in. maximum (0,10 mm maximum)

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

# Engine Specifications

## Johnson Ultra™ 4, Evinrude Excel™ 4

### Operation

Full Throttle Operating Range	4500 to 5500 RPM
Power	4 HP (3 kw)
Power Rated @	5000 RPM
Idle RPM in Gear	625 ±25 RPM
Test Wheel	OMC P/N 317738 (5-1/4 in. dia. x 11/16 in. wide)
Minimum Test Wheel RPM	4400 RPM
Weight (Empty Integral Tank or Separate Tank): Standard Length Long Shaft	35 lbs. (16,0 kg) 37 lbs. (17,0 kg)

### Powerhead

Displacement	5.28 cu. in. (87 cm <sup>3</sup> )
Bore	1.565 in. (39,7 mm)
Stroke	1.374 in. (34,9 mm)
Standard Bore *	1.5643-1.5650 in. (39,74-39,75 mm)
Crankshaft Dimensions:	
Top Journal	0.7506-0.7510 in. (19,06-19,08 mm)
Center Journal	0.6685-0.6690 in. (16,98-16,99 mm)
Bottom Journal	0.7498-0.7502 in. (19,05-19,06 mm)
Rod Crankpin	0.6695-0.6700 in. (17,00-17,02 mm)
Piston Diameter, Standard	See <b>Section 4.</b>
Piston Ring End Gap, Both	0.005-0.015 in. (0,13-0,38 mm)
Piston Ring Groove Side Clearance, Both	0.004 in. maximum (0,10 mm maximum)

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

# Engine Specifications

## 4

### Operation

Full Throttle Operating Range	4500 to 5500 RPM
Power	4 HP (3 kw)
Power Rated @	5000 RPM
Idle RPM in Gear	625 ±25 RPM
Test Wheel	OMC P/N 317738 (5-1/4 in. dia. x 11/16 in. wide)
Minimum Test Wheel RPM	4550 RPM
Weight (Empty Integral Tank or Separate Tank): Standard Length Long Shaft	33 lbs. (15 kg) 35 lbs. (15,9 kg)

### Powerhead

Displacement	5.28 cu. in. (87 cm <sup>3</sup> )
Bore	1.565 in. (39,7 mm)
Stroke	1.374 in. (34,9 mm)
Standard Bore *	1.5643-1.5650 in. (39,74-39,75 mm)
Crankshaft Dimensions:	
Top Journal	0.7506-0.7510 in. (19,06-19,08 mm)
Center Journal	0.6685-0.6690 in. (16,98-16,99 mm)
Bottom Journal	0.7498-0.7502 in. (19,05-19,06 mm)
Rod Crankpin	0.6695-0.6700 in. (17,00-17,02 mm)
Piston Diameter, Standard	See <b>Section 4.</b>
Piston Ring End Gap, Both	0.005-0.015 in. (0,13-0,38 mm)
Piston Ring Groove Side Clearance, Both	0.004 in. maximum (0,10 mm maximum)

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

## Engine Specifications 4 Deluxe

### Operation

Full Throttle Operating Range	4500 to 5500 RPM
Power	4 HP (3 kw)
Power Rated @	5000 RPM
Idle RPM in Gear	625 ±25 RPM
Test Wheel	OMC P/N 390123 (5-3/4 in. dia. x 5/8 in. wide)
Minimum Test Wheel RPM	5100 RPM
Weight: Standard Length Long Shaft	50 lbs. (22,7 kg) 52.5 lbs. (23,8 kg)

### Powerhead

Displacement	5.28 cu. in. (87 cm <sup>3</sup> )
Bore	1.565 in. (39,69 mm)
Stroke	1.375 in. (34,93 mm)
Standard Bore *	1.5643-1.5650 in. (39,733-39,751 mm)

#### Crankshaft Dimensions:

Top Journal	0.7505-0.7510 in. (19,06-19,08 mm)
Center Journal	0.6685-0.6690 in. (16,98-16,99 mm)
Bottom Journal	0.7498-0.7502 in. (19,05-19,06 mm)
Rod Crankpin	0.6695-0.6700 in. (17,01-17,02 mm)
Piston Diameter, Standard	See <b>Section 4</b>
Piston Ring End Gap, Both	0.005-0.015 in. (0,13-0,38 mm)
Piston Ring Groove Side Clearance, Both	0.004 maximum (0,10 mm maximum)

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

## Engine Specifications 5 thru 8

### Operation

Full Throttle Operating Range	<b>5, 6, 6.5</b> - 4500 to 5500 RPM <b>8</b> - 5000 to 6000 RPM
Power	<b>5</b> - 5 HP (3,7 kw) <b>6</b> - 6 HP (4,5 kw) <b>6.5</b> - 6.5 HP (4,8 kw) <b>8</b> - 8 HP (6 kw)
Power Rated @	<b>5, 6, 6.5</b> - 5000 RPM <b>8</b> - 5500 RPM
Idle RPM in Gear	675 ±25 RPM <b>6SL, 8SRL</b> - 875 ±25 RPM
Test Wheel	OMC P/N 390239
Minimum Test Wheel RPM	<b>5</b> - 4500 RPM <b>6, 6.5</b> - 4800 RPM <b>8</b> - 5300 RPM <b>8SRL</b> - 4850 RPM
Weight: Standard Length Long Shaft	56 lbs. (25,4 kg) 58.5 lbs. (25,5 kg)

### Powerhead

Displacement	10 cu. in. (164 cm <sup>3</sup> )
Bore	1.9375 in. (49,21 mm)
Stroke	1.700 in. (43,18 mm)
Standard Bore *	1.9373-1.9380 in. (49,21-49,23 mm)
Crankshaft Dimensions:	
Top Journal	0.8723-0.8773 in. (22,16-22,28 mm)
Center Journal	0.8104-0.8155 in. (20,59-20,71 mm)
Bottom Journal	0.7498-0.7562 in. (19,05-19,21 mm)
Rod Crankpin	0.6695-0.6700 in. (17,01-17,02 mm)
Piston Diameter, Standard	See <b>Section 4</b>
Piston Ring End Gap, Both	0.005-0.015 in. (0,13-0,38 mm)
Piston Ring Groove Side Clearance, Both	0.004 in. maximum (0,10 mm maximum)

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