

Engine Specifications

Johnson Colt[®], Evinrude Junior[®]

Operation

Full Throttle Operating Range	4500 to 5500 RPM
Power	1.2 HP (0,9 kw)
Power Rated @	5000 RPM
Idle RPM in Gear	650±25 RPM
Test Wheel	OMC Standard Propeller P/N 329568
Minimum Test Wheel RPM	3900 RPM
Dry Weight	24 lbs. (10,9 kg)

Powerhead

Displacement	2.64 cu. in. (43 cm ³)
Bore	1.565 in. (39,7 mm)
Stroke	1.375 in. (34,9 mm)
Standard Bore *	1.5643-1.5650 in. (39,74-39,75 mm)
Crankshaft Dimensions:	
Top Journal	0.7497-0.7502 in. (19,04-19,06 mm)
Bottom Journal	0.6691-0.6695 in. (17,00-17,01 mm)
Rod Crankpin	0.6695-0.6700 in. (17,01-17,02 mm)
Piston Diameter, Standard	1.5620-1.5625 in. (39,67-39,69 mm)
Piston Ring End Gap, Both	0.015-0.025 in. (0,38-0,64 mm)
Piston Ring Groove Side Clearance, Both	0.004 in. (0,10 mm) maximum

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

Engine Specifications 3BR

Operation

Full Throttle Operating Range	4500 to 5500 RPM
Power	3.0 HP (2,2 kw)
Power Rated @	5000 RPM
Idle RPM in Gear	625±25 RPM
Test Wheel	OMC P/N 317738
Minimum Test Wheel RPM	4400 RPM
Dry Weight	33 lbs. (15 kg)

Powerhead

Displacement	5.28 cu. in. (87 cm ³)
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	0.7515-0.7520 in. (19,08-19,10 mm)
Center Journal	0.6685-0.6690 in. (16,98-16,99 mm)
Bottom Journal	0.6691-0.6695 in. (17,00-17,01 mm)
Rod Crankpin	0.6695-0.6700 in. (17,00-17,02 mm)
Piston Diameter, Standard	1.5625-1.5631 in. (39,69-39,70 mm)
Piston Ring End Gap, Both	0.005-0.015 in. (0,13-0,38 mm)
Piston Ring Groove Side Clearance, Both	0.004 in. (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	750 ± 25 RPM
Test Wheel	OMC P/N 317738
Minimum Test Wheel RPM	4400 RPM
Dry Weight	
Standard Length	35 lbs. (16,0 kg)
Long Shaft	37 lbs. (17,0 kg)

Powerhead

Displacement	5.28 cu. in. (87 cm ³)
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	0.7515-0.7520 in. (19,08-19,10 mm)
Center Journal	0.6685-0.6690 in. (16,98-16,99 mm)
Bottom Journal	0.6691-0.6695 in. (17,00-17,01 mm)
Rod Crankpin	0.6695-0.6700 in. (17,00-17,02 mm)
Piston Diameter, Standard	1.5625-1.5631 in. (39,69-39,70 mm)
Piston Ring End Gap, Both	0.005-0.015 in. (0,13-0,38 mm)
Piston Ring Groove Side Clearance, Both	0.004 in. (0,10 mm) maximum

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

Engine Specifications 4BRH

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
Minimum Test Wheel RPM	4400 RPM
Dry Weight	
Standard Length	33 lbs. (15 kg)
Long Shaft	35 lbs. (15,9 kg)

Powerhead

Displacement	5.28 cu. in. (87 cm ³)
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	0.7515-0.7520 in. (19,08-19,10 mm)
Center Journal	0.6685-0.6690 in. (16,98-16,99 mm)
Bottom Journal	0.6691-0.6695 in. (17,00-17,01 mm)
Rod Crankpin	0.6695-0.6700 in. (17,00-17,02 mm)
Piston Diameter, Standard	1.5625-1.5631 in. (39,69-39,70 mm)
Piston Ring End Gap, Both	0.005-0.015 in. (0,13-0,38 mm)
Piston Ring Groove Side Clearance, Both	0.004 (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 \pm 25 RPM
Test Wheel	OMC P/N 390123
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 ³)
Bore	1.565 in. (39,7 mm)
Stroke	1.375 in. (34,93 mm)
Standard Bore *	1.5643-1.5650 in. (39,733-39,751 mm)

Crankshaft Dimensions:

Top Journal	0.7515-0.7520 in. (19,08-19,10 mm)
Center Journal	0.6685-0.6690 in. (16,98-16,99 mm)
Bottom Journal	0.6691-0.6695 in. (17,00-17,01 mm)
Rod Crankpin	0.6695-0.6700 in. (17,01-17,02 mm)
Piston Diameter, Standard	1.5625-1.5631 in. (39,69-39,70 mm)
Piston Ring End Gap, Both	0.005-0.015 in. (0,13-0,38 mm)
Piston Ring Groove Side Clearance, Both	0.004 (0,10 mm) maximum

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

Engine Specifications 5 thru 8

Operation

Full Throttle Operating Range	5, 6, 6.5 - 4500 to 5500 RPM 8 - 5000 to 6000 RPM
Power	5 - 5 HP (3,7 kw) 6 - 6 HP (4,5 kw) 6.5 - 6.5 HP (4,8 kw) 8 - 8 HP (6 kw)
Power Rated @	5, 6, 6.5 - 5000 RPM 8 - 5500 RPM
Idle RPM in Gear	675 ±25 RPM 6SL, 8SRL - 875 ±25 RPM
Test Wheel	OMC P/N 390239
Minimum Test Wheel RPM	5 - 4500 RPM 6, 6.5 - 4800 RPM 8 - 5300 RPM 8SRL - 4850 RPM
Weight: Standard Length Long Shaft	56 lbs. (25,4 kg) 58.5 lbs. (26,5 kg)

Powerhead

Displacement	10 cu. in. (164 cm ³)
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	0.8762-0.8767 in. (22,26-22,27 mm)
Center Journal	0.8127-0.8132 in. (20,64-20,65 mm)
Bottom Journal	0.6691-0.6695 in. (17,00-17,01 mm)
Rod Crankpin	0.6695-0.6700 in. (17,01-17,02 mm)
Piston Diameter, Standard	1.9345-1.9355 in. (49,14-49,16 mm)
Piston Ring End Gap, Both	0.005-0.015 in. (0,13-0,38 mm)
Piston Ring Groove Side Clearance, Both	0.004 in. (0,10 mm) maximum

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