

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 ³)
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 Section 4
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

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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	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	0.7506-0.7510 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 Section 4.
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 ³)
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 Section 4
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

6, 8

Operation

Full Throttle Operating Range	6 - 4500 to 5500 RPM 8 - 5000 to 6000 RPM
Power	6 - 6 HP (4,5 kw) 8 - 8 HP (6 kw)
Power Rated @	6 - 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	6 - 4800 RPM 8 - 5300 RPM 8SRL - 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 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	0.8723-0.8773 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 Section 4
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

9.9, 15

Operation

Full Throttle Operating Range	9.9 - 5000 to 6000 RPM 15 - 5500 to 7000 RPM
Power	9.9 - 9.9 HP (7,4 kw) 15 - 15 HP (10,8 kw)
Power Rated @	9.9 - 5500 RPM 15 - 6250 RPM
Idle RPM in Gear	675 ±25 RPM
Test Wheel	OMC P/N 386537
Minimum Test Wheel RPM	9.9 - 5000 RPM 9.9SEL - 4200 RPM 15 - 6650 RPM
Weight:	9.9, 15 Manual Standard Length 72 lbs. (33 kg) 9.9, 15 Manual Long Shaft 77 lbs. (35 kg) 9.9 Electric Long Shaft 80 lbs. (36,4 kg) 15 Electric Standard Length 75 lbs. (34,4 kg) 9.9 Sail Boat Model 88 lbs. (40 kg)

Powerhead

Displacement	13.2 cu. in. (216 cm ³)
Bore	2.188 in. (55,58 mm)
Stroke	1.760 in. (44,70 mm)
Standard Bore *	2.1875-2.1883 in. (55,56-55,58 mm)
Crankshaft Dimensions:	
Top Journal	0.8757-0.8762 in. (22,24-22,26 mm)
Center Journal	0.8120-0.8125 in. (20,63-20,64 mm)
Bottom Journal	0.7870-0.7874 in. (19,99-19,20 mm)
Rod Crankpin	0.8120-0.8125 in. (20,63-20,64 mm)
Piston Diameter, Standard	See Section 4
Piston Ring End Gap, Both	0.005-0.015 in. (0,13-0,38 mm)
Piston Ring Groove Side Clearance, Lower	0.004 in. maximum (0,10 mm maximum)

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

Engine Specifications

20 thru 30

Operation

Full Throttle Operating Range	20, 25, 28 - 4500 to 5500 RPM 25 Comm. - 4000 to 5000 RPM 30 - 5200 to 5800 RPM
Power	20 - 20 HP (14,9 kw) 25 - 25 HP (18,7 kw) 28 - 28 HP (20,0 kw) 30 - 30 HP (22,4 kw)
Power Rated @	20, 25, 28 - 5000 RPM 30 - 5500 RPM
Idle RPM in Gear	675 ±25 RPM
Test Wheel	20 - OMC P/N 386981 25 - OMC P/N 394145 25 Comm., 28 - OMC P/N 396561 30 - OMC P/N 394145
Minimum Test Wheel RPM	20 - 4550 RPM 25 - 4600 RPM 25 Comm., 28 - 4200 RPM 30 - 5200 RPM
Weight:	
Manual Start, Standard Length	114 lbs. (51,8 kg) Long Shaft - Add 2 lbs. (0,9 kg)
Elec. Start at Motor, Standard Length	120 lbs. (54,5 kg) Long Shaft - Add 2 lbs. (0,9 kg)
Remote Electric Start, Standard Length	118 lbs. (53,6 kg) Long Shaft - Add 2 lbs. (0,9 kg)

Powerhead

Displacement	31.8 cu. in. (521 cm ³)
Bore	3.000 in. (76,20 mm)
Stroke	2.250 in. (57,15 mm)
Standard Bore *	2.9995-3.0005 in. (76,19-76,21 mm)
Crankshaft Dimensions:	
Top Journal	1.2510-1.2515 in. (31,78-31,79 mm)
Center Journal	1.1833-1.1838 in. (30,06-30,07 mm)
Bottom Journal	0.9842-0.9846 in. (25,00-25,01 mm)
Rod Crankpin	1.1823-1.1828 in. (30,03-30,04 mm)
Piston Diameter, Standard	See Section 4
Piston Ring End Gap, Both	0.007-0.017 in. (0,18-0,43 mm)
Piston Ring Groove Side Clearance, Lower	0.004 in. maximum (0,10 mm maximum)

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

Engine Specifications

40, 50

Operation

Full Throttle Operating Range	4500 to 5500 RPM
Power	40 - 40 HP (29,8 kw) 50 - 50 HP (37,0 kw)
Power Rated @	5000 RPM
Idle RPM in Gear	725 ±25 RPM
Test Wheel	OMC P/N 387635 40 Rope - OMC P/N 382861
Minimum Test Wheel RPM	4900 RPM 40 Rope - 5200 RPM
Weight:	
Remote Electric, MT, Standard Length	180 lbs. (81,6 kg) Long Shaft - Add 7 lbs. (3,2 kg)
Remote Electric, PT/T, Long Shaft	218 lbs. (98,9 kg)
Rope, TE, Standard Length	191 lbs. (86.6 kg) Long Shaft - Add 7 lbs. (3,2 kg)

Powerhead

Displacement	45 cu. in. (737 cm ³)
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. (30,00-30,11 mm)
Rod Crankpin	1.1823-1.1828 in. (30,03-30,04 mm)
Piston Diameter, Standard	See Section 4
Piston Ring End Gap, Both	0.007-0.017 in. (0,18-0,43 mm)
Piston Ring Groove Side Clearance, Lower	0.004 in. maximum (0,10 mm maximum)

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

Engine Specifications 45, 55

Operation

Full Throttle Operating Range	4500-5500 RPM
Power	45 - 45 HP (33,6 kw) 55 - 55 HP (39,5 kw)
Power Rated @	5000 RPM
Idle RPM in Gear	725 ±25 RPM
Test Wheel	OMC P/N 382861
Minimum Test Wheel RPM	5200 RPM
Weight: Standard Length	184 lbs. (83,4 kg)
Long Shaft	191 lbs. (86,6 kg)
Extra Long Shaft	202 lbs. (91,6 kg)

Powerhead

Displacement	45 cu. in. (737 cm ³)
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. (30,00-30,11 mm)
Rod Crankpin	1.1823-1.1828 in. (30,03-30,04 mm)
Piston Diameter, Standard	See Section 4
Piston Ring End Gap, Both	0.007-0.017 in. (0,18-0,43 mm)
Piston Ring Groove Side Clearance, Lower	0.004 in. maximum (0,10 mm maximum)

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