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ENGINE SPECIFICATIONS

Operation

Power

2.5	2.5 HP [1.8 kW]
3.5	3.5 HP [2.6 kW]
5	5 HP [3.7 kW]
8	8 HP [5.9 kW]
9.8	9.8 HP [7.2 kW]
9.9	9.9 HP [7.3 kW]
15	15 HP [11.0 kW]
18	18 HP [13.2 kW]
25	25 HP [18.4 kW]
30	30 HP [22.1 kW]
40	40 HP [29.4 kW]

Full Throttle RPM Range

2.5	3800 - 5200
$3.5A_2$ / $3.5B_2$	4200 - 5300
5	4500 - 5500
8	4500 - 5500
9.8	5000 - 6000
9.9	4500 - 5300
15, 18	5200 - 5800
25	5000 - 6000
30	5150 - 5850
40	5200 - 5800

Idle RPM	IN GEAR	NEUTRAL
2.5, $3.5A_2$	1100	—
$3.5B_2$	1100	1300
5	850	1000
8, 9.8	750	950
9.9, 15, 18	800	950
25, 30	900	1050
40	850	1000

Fuel Consumption at Full Throttle

2.5	0.37 g/hr [1.4 L/hr]
3.5	0.45 g/hr [1.7 L/hr]
5	0.66 g/hr [2.5 L/hr]
8	1.0 g/hr [4.3 L/hr]
9.8	1.35 g/hr [5.1 L/hr]
9.9	1.45 g/hr [5.5 L/hr]
15	1.93 g/hr [7.3 L/hr]
18	2.25 g/hr [8.5 L/hr]
25	3.30 g/hr [12.5 L/hr]
30	3.96 g/hr [15 L/hr]
40	4.49 g/hr [17 L/hr]

Test Propeller

2.5, $3.5A_2$	309-64111-0
$3.5B_2$	3F0-64111-0
5	369-64111-0
8, 9.8	3B2-64111-0
9.9, 15, 18	362-64111-0
25, 30	364-64111-5
40	348-64111-0

Powerhead

Number of Cylinders

2.5, 3.5, 5	1
8, 9.8, 9.9, 15, 18, 25, 30, 40	2

Displacement

2.5, 3.5	4.6 cu. in [74.6 cm^3]
5	6.22 cu. in [102 cm^3]
8, 9.8	10.3 cu. in [169 cm^3]
9.9, 15	15.07 cu. in [247 cm^3]
18	17.94 cu. in [294 cm^3]
25, 30	26.18 cu. in [429 cm^3]
40	30.08 cu. in [493 cm^3]

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Standard Bore

2.5, 3.5	1.85 in [47 mm]
5	2.17 in [55 mm]
8, 9.8	1.97 in [50 mm]
9.9, 15	2.17 in [55 mm]
18	2.36 in [60 mm]
25, 30	2.68 in [68 mm]
40	2.76 in [70 mm]

Stroke

2.5, 3.5	1.69 in [43 mm]
5, 8, 9.8	1.69 in [43 mm]
9.9, 15, 18	2.05 in [52 mm]
25, 30	2.323 in [59 mm]
40	2.520 in [64 mm]

Piston Clearance

2.5, 3.5	0.0024 - 0.0035 in [0.06 - 0.09 mm]
5	0.008 - 0.020 in [0.02 - 0.05 mm]
8, 9.8	0.008 - 0.020 in [0.02 - 0.05 mm]
9.9, 15, 18	0.0020 - 0.0035 in [0.05 - 0.09 mm]
25, 30	0.0024 - 0.0039 in [0.06 - 0.10 mm]
40	0.0020 - 0.0039 in [0.05 - 0.10 mm]

Piston Ring End Gap

2.5, 3.5, 5, 8, 9.8	0.007 - 0.013 in [0.18 - 0.33 mm]
9.9, 15, 18	0.008 - 0.019 in [0.20 - 0.40 mm]
25, 30	0.013 - 0.019 in [0.33 - 0.48 mm]
40	0.008 - 0.016 in [0.20 - 0.40 mm]