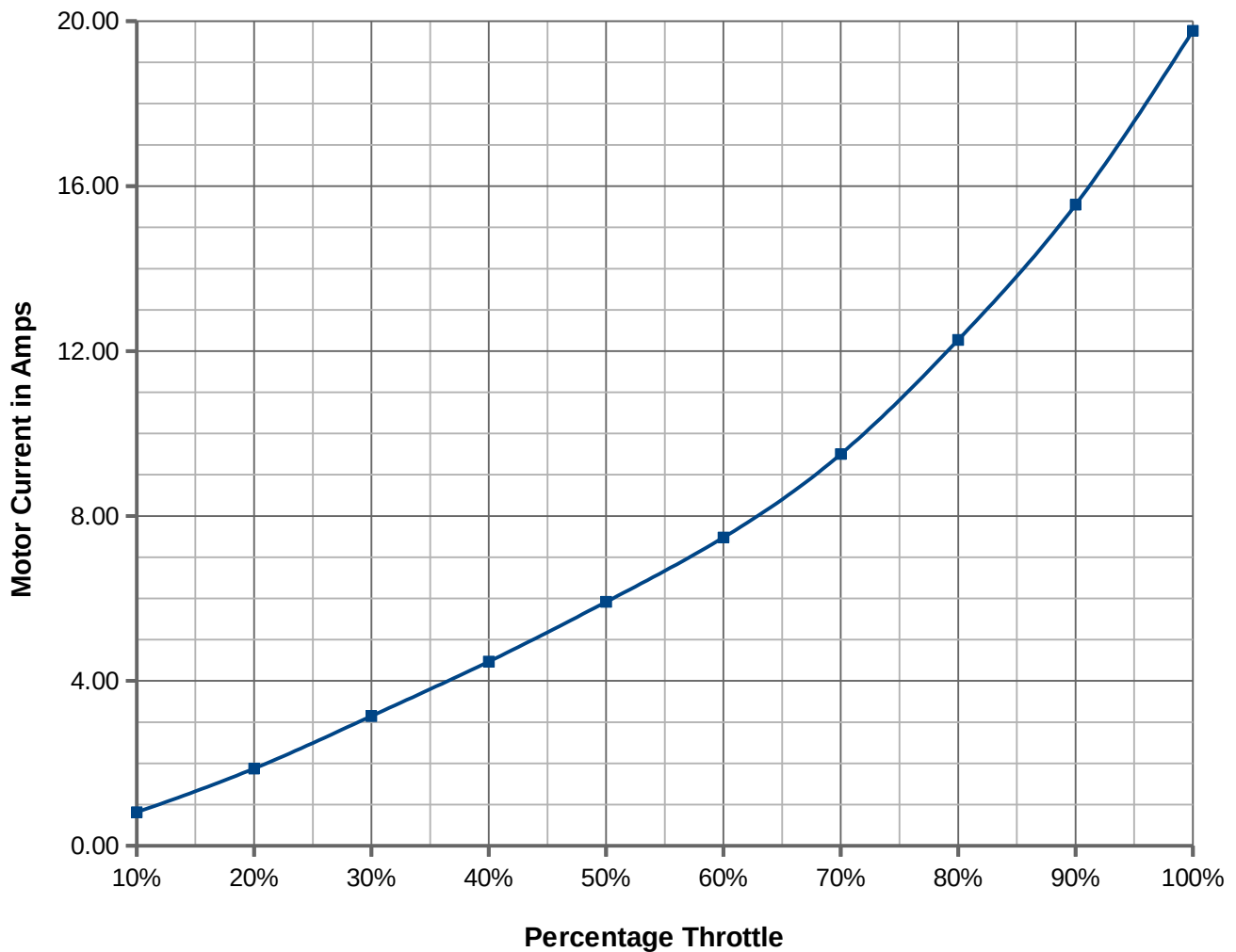


# Cobra CM-2206-17 Motor Test Data, Kv=2400

Data Collected at 18.5 volts with HQ 4x4 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.81	15.04	8,908	60.0	2.12	3.99
20%	1.88	34.69	13,215	130.8	4.61	3.77
30%	3.15	58.22	16,612	202.8	7.15	3.48
40%	4.47	82.68	19,426	274.0	9.66	3.31
50%	5.92	109.45	21,930	346.0	12.20	3.16
60%	7.48	138.36	24,364	418.5	14.76	3.02
70%	9.50	175.77	26,916	508.6	17.94	2.89
80%	12.27	227.03	30,107	629.6	22.21	2.77
90%	15.55	287.66	33,327	756.7	26.69	2.63
100%	19.77	365.69	36,928	911.9	32.17	2.49

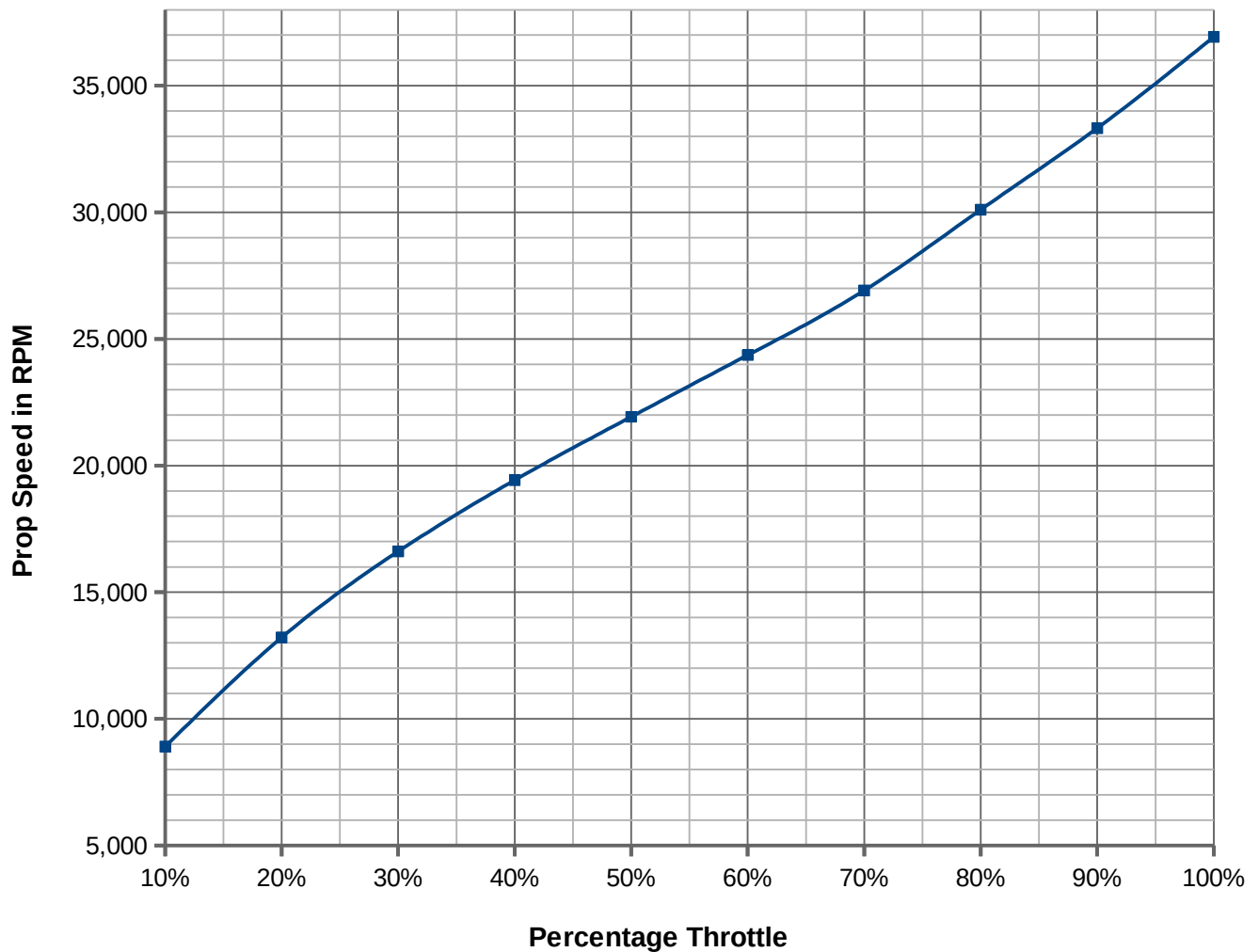
## Motor Current vs Throttle Position



# Cobra CM-2206-17 Motor Test Data, Kv=2400

Data Collected at 18.5 volts with HQ 4x4 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.81	15.04	8,908	60.0	2.12	3.99
20%	1.88	34.69	13,215	130.8	4.61	3.77
30%	3.15	58.22	16,612	202.8	7.15	3.48
40%	4.47	82.68	19,426	274.0	9.66	3.31
50%	5.92	109.45	21,930	346.0	12.20	3.16
60%	7.48	138.36	24,364	418.5	14.76	3.02
70%	9.50	175.77	26,916	508.6	17.94	2.89
80%	12.27	227.03	30,107	629.6	22.21	2.77
90%	15.55	287.66	33,327	756.7	26.69	2.63
100%	19.77	365.69	36,928	911.9	32.17	2.49

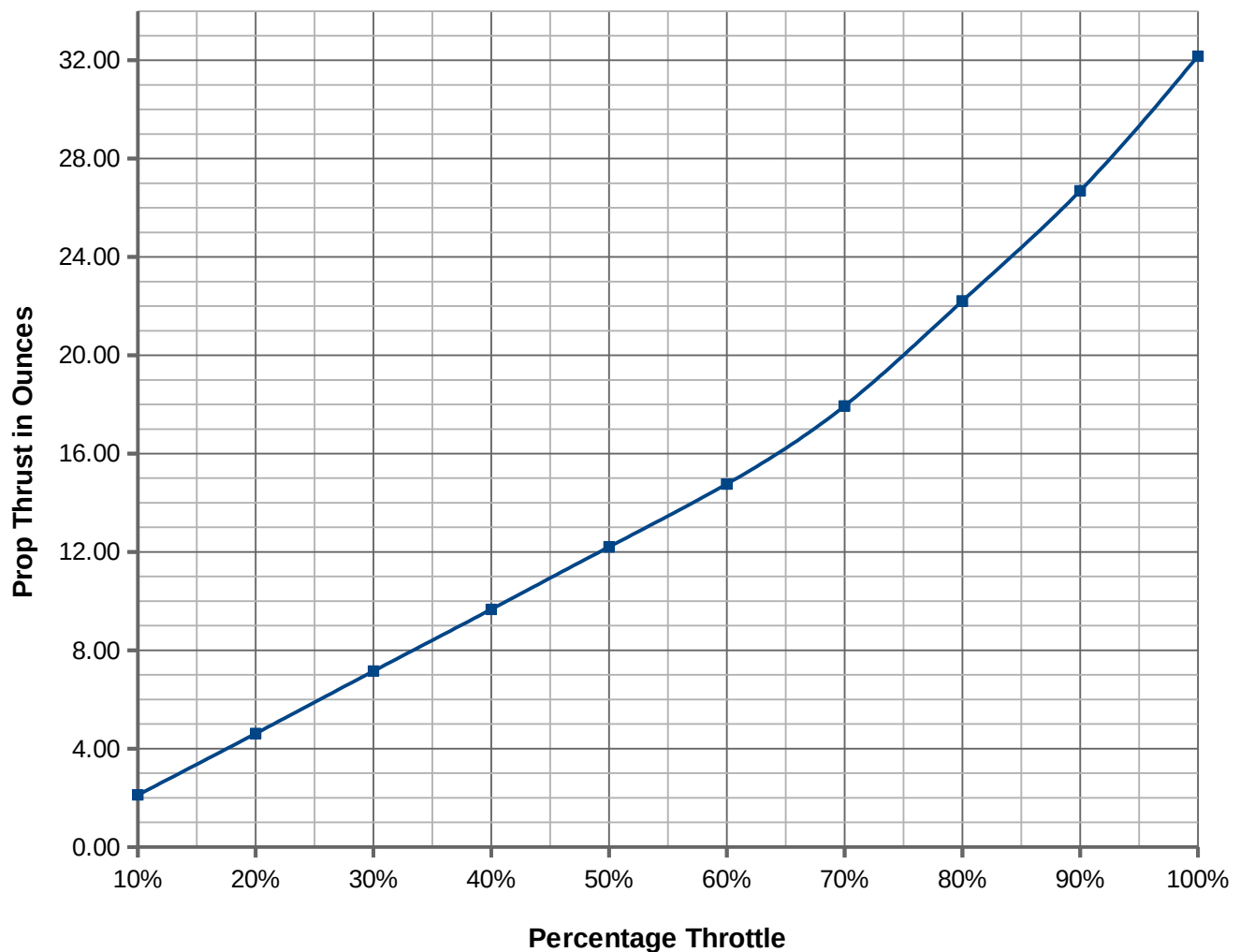
## Propeller RPM vs Throttle Position



# Cobra CM-2206-17 Motor Test Data, Kv=2400

Data Collected at 18.5 volts with HQ 4x4 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.81	15.04	8,908	60.0	2.12	3.99
20%	1.88	34.69	13,215	130.8	4.61	3.77
30%	3.15	58.22	16,612	202.8	7.15	3.48
40%	4.47	82.68	19,426	274.0	9.66	3.31
50%	5.92	109.45	21,930	346.0	12.20	3.16
60%	7.48	138.36	24,364	418.5	14.76	3.02
70%	9.50	175.77	26,916	508.6	17.94	2.89
80%	12.27	227.03	30,107	629.6	22.21	2.77
90%	15.55	287.66	33,327	756.7	26.69	2.63
100%	19.77	365.69	36,928	911.9	32.17	2.49

## Propeller Thrust vs Throttle Position



## Cobra CM-2206-17 Motor Test Data, Kv=2400

Data Collected at 18.5 volts with HQ 4x4 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.81	15.04	8,908	60.0	2.12	3.99
20%	1.88	34.69	13,215	130.8	4.61	3.77
30%	3.15	58.22	16,612	202.8	7.15	3.48
40%	4.47	82.68	19,426	274.0	9.66	3.31
50%	5.92	109.45	21,930	346.0	12.20	3.16
60%	7.48	138.36	24,364	418.5	14.76	3.02
70%	9.50	175.77	26,916	508.6	17.94	2.89
80%	12.27	227.03	30,107	629.6	22.21	2.77
90%	15.55	287.66	33,327	756.7	26.69	2.63
100%	19.77	365.69	36,928	911.9	32.17	2.49

### Propeller Efficiency vs Throttle Position

