



Gearing Charts

All speeds are calculated not tested
Please use this as a guide as many other variables can effect the results

SGD Gearing		KPH (max)	MPH (max)	KPH (max)	MPH (max)
Wheel Size	Gearing	160KV Motor		185KV Motor	
8 Inch	63:9 Steel	34	21	40	25
	57:10 Steel	42	26	49	30
	59:10 POM	41	25	47	29
	58:10 POM	42	26	48	30
9 Inch	63:9 Steel	39	24	45	28
	57:10 Steel	48	30	56	35
	59:10 POM	47	29	54	33
	58:10 POM	47	29	55	34

33T Gearing		KPH (max)	MPH (max)	KPH (max)	MPH (max)
Wheel Size	Motor Pulley	160KV Motor		185KV Motor	
83mm Stickies	13	40	25	47	29
	14	44	27	50	31
	15	47	29	54	34
90mm Stickies	13	44	27	51	32
	14	47	29	55	34
	15	51	31	59	36

37T Gearing		KPH (max)	MPH (max)	KPH (max)	MPH (max)
Wheel Size	Motor Pulley	160KV Motor		185KV Motor	
83mm Stickies	13	36	22	42	26
	14	39	24	45	28
	15	42	26	48	30
90mm Stickies	13	39	24	45	28
	14	42	26	49	30
	15	45	28	52	32

44T Gearing		KPH (max)	MPH (max)	KPH (max)	MPH (max)
Wheel Size	Motor Pulley	160KV Motor		185KV Motor	
5 Inch Gummies	13	46	28	53	33
	14	49	31	57	35
	15	53	33	61	38

62T Gearing		KPH (max)	MPH (max)	KPH (max)	MPH (max)
Wheel Size	Motor Pulley	160KV Motor		185KV Motor	
6.5 Inch	13	40	25	47	29
	14	43	27	50	31
	15	46	29	54	33
7 Inch	13	43	27	49	31
	14	46	29	53	33
	15	49	31	57	35
8 Inch	13	51	31	59	36
	14	55	34	63	39
	15	58	36	68	42
9 Inch	13	58	36	67	41
	14	62	39	72	45
	15	66	41	77	48

66T Gearing		KPH (max)	MPH (max)	KPH (max)	MPH (max)
Wheel Size	Motor Pulley	160KV Motor		185KV Motor	
6.5 Inch	13	40	25	47	29
	14	43	27	50	31
	15	46	29	54	34
7 Inch	13	43	27	49	31
	14	46	29	53	33
	15	49	31	57	35
8 Inch	13	48	30	55	34
	14	51	32	59	37
	15	55	34	63	39
9 Inch	13	54	34	63	39
	14	58	36	67	42
	15	62	39	72	45

76T Gearing		KPH (max)	MPH (max)	KPH (max)	MPH (max)
Wheel Size	Motor Pulley	160KV Motor		185KV Motor	
8 Inch	13	41	26	48	30
	14	44	28	51	32
	15	48	30	55	34
9 Inch	13	47	29	54	34
	14	51	31	59	36
	15	54	34	63	39