

# Gear Speed and Tire Size Calculator

## Gear Speed Data

Tire and Differential	Data		Gear	Ratios
Width (mm):	235		1st	4.71
Aspect Ratio:	40		2nd	3.14
Rim Dia.(inch):	18		3rd	2.11
			4th	1.67
			5th	1.29
Differential Ratio:	3.46		6th	1
Gear Speeds:	8		7th	0.84
Display Speed:	MPH		8th	0.67

## Gear Speed Results

RPM	1st	2nd	3rd	4th	5th	6th	7th	8th
9000	41.73	62.60	93.16	117.71	152.38	196.57	234.01	293.39
8500	39.42	59.12	87.98	111.17	143.91	185.65	221.01	277.09
8000	37.10	55.65	82.81	104.63	135.45	174.73	208.01	260.79
7500	34.78	52.17	77.63	98.09	126.98	163.81	195.01	244.49
7000	32.46	48.69	72.46	91.55	118.52	152.89	182.01	228.19
6500	30.14	45.21	67.28	85.01	110.05	141.97	169.01	211.89
6000	27.82	41.73	62.11	78.47	101.59	131.05	156.01	195.59
5500	25.50	38.26	56.93	71.93	93.12	120.13	143.01	179.29
5000	23.19	34.78	51.76	65.39	84.65	109.20	130.01	162.99
4500	20.87	31.30	46.58	58.85	76.19	98.28	117.01	146.69
4000	18.55	27.82	41.40	52.31	67.72	87.36	104.00	130.39
3500	16.23	24.35	36.23	45.77	59.26	76.44	91.00	114.09
3333	15.46	23.18	34.50	43.59	56.43	72.80	86.66	108.65
2500	11.59	17.39	25.88	32.70	42.33	54.60	65.00	81.50
2000	9.27	13.91	20.70	26.16	33.86	43.68	52.00	65.20
1500	6.96	10.43	15.53	19.62	25.40	32.76	39.00	48.90
1000	4.64	6.96	10.35	13.08	16.93	21.84	26.00	32.60