

Gain ratios for various wheels/cranks

						G24	G26	G29	G32	G36
	20	24	26	29	32	36	39	43.5	48	54
185	1.37	1.65	1.78	1.99	2.20	2.47	2.68	2.99	3.30	3.71
180	1.41	1.69	1.83	2.05	2.26	2.54	2.75	3.07	3.39	3.81
175	1.45	1.74	1.89	2.10	2.32	2.61	2.83	3.16	3.48	3.92
170	1.49	1.79	1.94	2.17	2.39	2.69	2.91	3.25	3.59	4.03
165	1.54	1.85	2.00	2.23	2.46	2.77	3.00	3.35	3.69	4.16
160	1.59	1.91	2.06	2.30	2.54	2.86	3.10	3.45	3.81	4.29
155	1.64	1.97	2.13	2.38	2.62	2.95	3.20	3.56	3.93	4.42
150	1.69	2.03	2.20	2.46	2.71	3.05	3.30	3.68	4.06	4.57
145	1.75	2.10	2.28	2.54	2.80	3.15	3.42	3.81	4.20	4.73
140	1.81	2.18	2.36	2.63	2.90	3.27	3.54	3.95	4.35	4.90
135	1.88	2.26	2.45	2.73	3.01	3.39	3.67	4.09	4.52	5.08
130	1.95	2.34	2.54	2.83	3.13	3.52	3.81	4.25	4.69	5.28
125	2.03	2.44	2.64	2.95	3.25	3.66	3.96	4.42	4.88	5.49
120	2.12	2.54	2.75	3.07	3.39	3.81	4.13	4.60	5.08	5.72
115	2.21	2.65	2.87	3.20	3.53	3.98	4.31	4.80	5.30	5.96
110	2.31	2.77	3.00	3.35	3.69	4.16	4.50	5.02	5.54	6.23
105	2.42	2.90	3.14	3.51	3.87	4.35	4.72	5.26	5.81	6.53
100	2.54	3.05	3.30	3.68	4.06	4.57	4.95	5.52	6.10	6.86
95	2.67	3.21	3.48	3.88	4.28	4.81	5.21	5.82	6.42	7.22
90	2.82	3.39	3.67	4.09	4.52	5.08	5.50	6.14	6.77	7.62
85	2.99	3.59	3.88	4.33	4.78	5.38	5.83	6.50	7.17	8.07
80	3.18	3.81	4.13	4.60	5.08	5.72	6.19	6.91	7.62	8.57
75	3.39	4.06	4.40	4.91	5.42	6.10	6.60	7.37	8.13	9.14

1.0-1.8	Pedal strike much?
1.8-2.0	Lots O torque - Trials, brakeless Muni
2.0-2.4	Healthy amount of controll - Muni
2.4-2.8	XC style riding and Muni with brake
2.8-3.2	great for cruising around town and light XC
3.2-3.6	hilly road rides and commuting
3.6-4.0	All round road riding
4.0-4.6	Flat road rides
4.6-5.2	Speed record atempts or downhills
5.2-5.8	You had better have a brake on that thing
5.8-6.4	Danger Will Robinson! Danger
6.4-∞	You just don't want to go there

Condensed chart with common crank sizes

						G24	G26	G29	G32	G36
	20	24	26	29	32	36	39	43.5	48	54
165	1.54	1.85	2.00	2.23	2.46	2.77	3.00	3.35	3.69	4.16
150	1.69	2.03	2.20	2.46	2.71	3.05	3.30	3.68	4.06	4.57
137	1.85	2.22	2.41	2.69	2.97	3.34	3.62	4.03	4.45	5.01
125	2.03	2.44	2.64	2.95	3.25	3.66	3.96	4.42	4.88	5.49
114	2.23	2.67	2.90	3.23	3.56	4.01	4.34	4.85	5.35	6.02
110	2.31	2.77	3.00	3.35	3.69	4.16	4.50	5.02	5.54	6.23
100	2.54	3.05	3.30	3.68	4.06	4.57	4.95	5.52	6.10	6.86
89	2.85	3.42	3.71	4.14	4.57	5.14	5.57	6.21	6.85	7.71
75	3.39	4.06	4.40	4.91	5.42	6.10	6.60	7.37	8.13	9.14