

K Bike Speedometer Calibration

Rear Wheel RimSize
Tire
 Width (mm)
 Aspect Ratio(%)
 Wheel Diameter (in)

 Diameter
 Circumference

 Pulses per Mile/km

Y-spoke Drum 2.75x18				Y-spoke Disc 2.75x17				Narrow 3-spoke 3.0x17				Wide 3-spoke 4.5x18							
120				130				140				160							
90				90				80				60							
18				17				17				18							
in	mm			in	mm			in	mm			in	mm						
26.50	673			26.21	666			25.82	656			25.56	649						
83.26	2115			82.35	2092			81.11	2060			80.30	2040						
PPM:		4566	PPK:	2837	PPM:		4616	PPK:	2869	PPM:		4687	PPK:	2912	PPM:		4734	PPK:	2942
MPH	Hz	kph	Hz	MPH	Hz	kph	Hz	MPH	Hz	kph	Hz	MPH	Hz	kph	Hz				
10	12.7	20	15.8	10	12.8	20	15.9	10	13.0	20	16.2	10	13.2	20	16.3				
20	25.4	40	31.5	20	25.6	40	31.9	20	26.0	40	32.4	20	26.3	40	32.7				
30	38.0	60	47.3	30	38.5	60	47.8	30	39.1	60	48.5	30	39.5	60	49.0				
39.4	50	63.4	50	39.0	50	62.8	50	38.4	50	61.8	50	38.0	50	61.2	50				
40	50.7	76.1	60	40	51.3	75.3	60	40	52.1	74.2	60	40	52.6	73.4	60				
47.3	60	80	63.0	46.8	60	80	63.7	46.1	60	80	64.7	45.6	60	80	65.4				
50	63.4	100	78.8	50	64.1	100	79.7	50	65.1	100	80.9	50	65.8	100	81.7				
60	76.1	120	94.6	60	76.9	120	95.6	60	78.1	120	97.1	60	78.9	120	98.1				
70	88.8	140	110.3	70	89.8	140	111.6	70	91.1	140	113.3	70	92.1	140	114.4				
80	101.5	160	126.1	80	102.6	160	127.5	80	104.2	160	129.4	80	105.2	160	130.7				
90	114.1	180	141.8	90	115.4	180	143.4	90	117.2	180	145.6	90	118.4	180	147.1				
100	126.8	200	157.6	100	128.2	200	159.4	100	130.2	200	161.8	100	131.5	200	163.4				
110	139.5	220	173.4	110	141.1	220	175.3	110	143.2	220	178.0	110	144.7	220	179.8				
120	152.2	240	189.1	120	153.9	240	191.2	120	156.2	240	194.2	120	157.8	240	196.1				