



Chainless vs. Chain Gear Comparison Chart and Gear Usage *Hybrid & Cross Bikes*

Dynamic 8-Speed Chainless	
8-Speed	With Shaft Drive
0.527	1.1
0.644	1.3
0.748	1.6
0.851	1.8
1.000	2.1
1.223	2.5
1.419	2.9
1.615	3.4

Dynamic 7-Speed Chainless	
7-Speed	With Shaft Drive
0.632	1.3
0.741	1.5
0.843	1.8
0.989	2.1
1.145	2.4
1.335	2.8
1.545	3.2

24-Speed Chain			
	28	38	48
11	2.5	3.5	4.4
12	2.3	3.2	4.0
14	2.0	2.7	3.4
16	1.8	2.4	3.0
18	1.6	2.1	2.7
21	1.3	1.8	2.3
26	1.1	1.5	1.8
30	0.9	1.3	1.6

Gear Ratio	24-speed Chain Bike	Dynamic 8-Speed	Dynamic 7-Speed	Gear Use
0.9	1			Steep Hill Climbing
1.1	2	1		Steep Hill Climbing
1.3	3		1	Moderate Hill Climbing
1.3	4	2		Moderate Hill Climbing
1.5	5		2	Moderate Hill Climbing
1.6	6			Mild Hill Climbing
1.7	7	3		Mild Hill Climbing
1.8	8			Slow Cruising
1.8	9	4	3	Slow Cruising
1.9	10			Slow Cruising
2.0	11			Moderate Cruising
2.1	12	5	4	Moderate Cruising
2.3	13			Moderate Cruising
2.3	14			Moderate Cruising
2.4	15		5	Moderate Cruising
2.6	16	6		Fast Cruising
2.7	17			Fast Cruising
2.7	18		6	Fast Cruising
3.0	19	7		Downhill – Moderate
3.2	20		7	Downhill – Moderate
3.5	21			Downhill – Fast
3.5	22	8		Downhill – Fast
4.0	23			Downhill – Faster
4.4	24			Downhill – Very Fast

Simply Your Riding

Dynamic's chainless bicycles provide a wide, versatile gear range without all the overlapping and redundant gears of a chain system. With our chainless bikes, you can transition your speeds more rapidly and respond to terrain changes more quickly. Fast, simple and consistent – chainless bikes deliver everything you want without the greasy mess of chains.