

463	350-38	2.75087
564	400-33	3.034478
530	400-38	2.940804
634	450-33	3.21855
596	450-38	3.119194

Front Motion Ratio

MR(SQ) = 0.826446

d1 = 10 MR= 0.909091

d2 = 11

0.826446

100 mph	0.054812	seconds
	0.610412	plus wheelbase
	1.638238	desired front
	1.8001	desired rear

228 250 L & 250-550 P @ 38 **1.9284142** compress

Right Rear @ 528 lbs sprung wt.		
Effective Wheel Rate w/ Tender @ Angle		Suspension Frequency
248	250 L & 600-1300 P @ 33	2.1456998 droop
278	250 L & 600-1300 P @ 38	2.2714564 compress
227	450 L & 250-550 P @ 33	2.0522278 droop
328	450 L & 250-550 P @ 33	2.4684288 compress
217	400 L & 250-550 P @ 33	2.0071184 droop
307	400 L & 250-550 P @ 38	2.3874746 compress

what I'm using

Left Front @ 434 lbs sprung wt.		
Effective Wheel Rate w/ Tender @ Angle		Suspension Frequency
144	600 L & 250-625 P @ 9	1.8011156 droop
250	600 L & 250-625 P @ 9	2.3749035 compress
150	700 L & 250-625 P @ 9	1.8415952 droop
269	700 L & 250-625 P @ 9	2.4662791 compress
155	800 L & 250-625 P @ 9	1.8713803 droop
287	800 L & 250-625 P @ 9	2.5435414 compress
160	900 L & 250-625 P @ 9	1.9006988 droop
301	900 L & 250-625 P @ 9	2.6079451 compress

what I'm using

Left Front @ 434 lbs sprung wt.		
Effective Wheel Rate w/ Tender @ Angle		Suspension Frequency
145	350 L & 360-850 P @ 9	1.8062252 droop
202	350 L & 360-850 P @ 9	2.1380167 compress
154	400 L & 360-850 P @ 9	1.8664491 droop
222	400 L & 360-850 P @ 9	2.2390805 compress
163	450 L & 360-850 P @ 9	1.9199957 droop
240	450 L & 360-850 P @ 9	2.3278711 compress
171	500 L & 360-850 P @ 9	1.9627202 droop
257	500 L & 360-850 P @ 9	2.4095755 compress

Right Front @ 384 lbs sprung wt.		
Effective Wheel Rate w/ Tender @ Angle		Suspension Frequency
150	700 L & 250-625 P @ 9	1.957823 droop
269	700 L & 250-625 P @ 9	2.6219324 compress
126	400 L & 250-625 P @ 9	1.7911208 droop
199	400 L & 250-625 P @ 9	2.2545477 compress
131	450 L & 250-625 P @ 9	1.8313757 droop
214	450 L & 250-625 P @ 9	2.3362276 compress
136	500 L & 250-625 P @ 9	1.8651886 droop
227	500 L & 250-625 P @ 9	2.4065058 compress

what I'm using

Right Front @ 384 lbs sprung wt.		
Effective Wheel Rate w/ Tender @ Angle		Suspension Frequency
145	350 L & 360-850 P @ 9	1.9202207 droop
202	350 L & 360-850 P @ 9	2.2729525 compress
154	400 L & 360-850 P @ 9	1.9842455 droop
222	400 L & 360-850 P @ 9	2.3803946 compress
163	450 L & 360-850 P @ 9	2.0411716 droop
240	450 L & 360-850 P @ 9	2.474789 compress
171	500 L & 360-850 P @ 9	2.0865926 droop
257	500 L & 360-850 P @ 9	2.56165 compress

1.767118875
2.139835209