

Coil Spring Dyno Sheet

■ C:\Documents and Settings\admin\My Documents\Spring Data 17473.SPR

Preload:: 20.00 lbs
Test Range:: 5.00 in

Average Rate:: 125.83 lbs/in
Range Rate:: 125.78 lbs/in

Collected: 12:48:08 PM Thursday August 28, 2014
LOCATION:
Configuration: Spring Rater
Height: 10.00 in
Notes:

SPRING #:
Serial Number: SASC 06
Test: 10VB
Range_Rate: 125.78 lbs/in

All our coil springs, for use in a suspension system, comes with a dyno sheet. This dyno sheet shows the dynamic rate and force output for the spring in 0.200” increments.

This allows the customer to know exactly what the spring rate is for each spring, which means when they change a spring they know exactly what change they are making. This eliminates guess work and lets the customer feel confident in the changes they make.

Displacement (in)	Force (lbs)	Rate (lbs/in)
0.40	42.42	119.14
0.60	63.78	119.14
0.80	87.65	121.00
1.00	112.12	122.30
1.20	136.53	123.13
1.40	161.16	124.67
1.60	186.21	126.08
1.80	211.58	126.50
2.00	236.86	126.74
2.20	262.18	127.28
2.40	287.72	127.83
2.60	313.36	127.82
2.80	338.86	127.43
3.00	364.34	127.28
3.20	389.78	127.18
3.40	415.19	127.10
3.60	440.62	127.42
3.80	466.07	127.67
4.00	491.67	127.93
4.20	517.33	127.51
4.40	542.72	126.92
4.60	568.06	126.85
4.80	593.44	126.87
5.00	618.86	126.66
5.20	644.22	126.34
5.40	669.39	126.14

PN: 10VB125
7.3” of available deflection
4.4” is the middle 60%