

Enter the following ratios:

Find variables for a vehicle

Final drive or transfer ratio (if applicable):

1.16

Axle ratio (if applicable):

3.62

Engine max speed (RPM):

8900

Tire size (ie. 255/40/17):

205/60/13

1st gear:

3.133

2nd gear:

2.045

3rd gear:

1.481

4th gear:

1.161

(click on graph for a larger version)

Total gearing in first gear:

Maximum speed in first gear:

13.1560936

44.2 mph

Total gearing in second gear:

Maximum speed in second gear:

8.587364

67.7 mph

Total gearing in third gear:

Maximum speed in third gear:

6.2190152

93.4 mph

Total gearing in fourth gear:

Maximum speed in fourth gear:

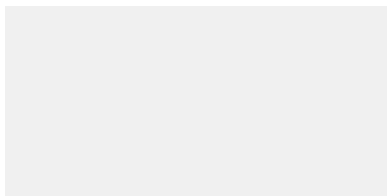
4.8752712

119.2 mph



		Maximum speed in fourth gear:	
5th gear:	<input type="text" value="0.971"/>	Total gearing in fifth gear:	4.0774232
		Maximum speed in fifth gear:	142.5 mph
6th gear:	<input type="text" value="0.811"/>	Total gearing in sixth gear:	3.4055512
		Maximum speed in sixth gear:	170.6 mph
7th gear:	<input type="text"/>	Total gearing in seventh gear:	
		Maximum speed in seventh gear:	
Reverse gear: (will not be graphed)	<input type="text" value="2.8"/>	Total gearing in reverse gear:	11.75776
		Maximum speed in reverse gear:	49.4 mph

☒ Check this box to factor in for tire deformation/flex.



Keep in mind tire deformation, clutch/torque converter slippage, and wind may cause actual results to differ slightly.

[home](#) :: [technical resources](#) :: [privacy statement](#) :: [terms & conditions](#) :: [contact us](#)

phone: (760) 494-0398 fax: (760) 494-7594 email: sales@turnzero.com

Copyright © 2005 Turn Zero, LLC. All rights reserved.