

Gear Ratio Calculator

Standard

MPH KPH

Target RPM

7200

Calculate Tire Diameter

26 in

Cir. 81.6814

Width

Aspect Ratio

Rim Diameter

Ring & Pinion

9

to

34

RATIO

3.7778

MPH

RATIO

1st gear

11

to

35

3.1818

46.351

12.02

2nd gear

19

to

38

2

73.739

7.5556

3rd gear

23

to

33

1.4348

102.788

5.4203

4th gear

27

to

30

1.1111

132.731

4.1975

5th gear

34

to

31

0.9118

161.751

3.4444

6th gear

36

to

28

0.7778

189.616

2.9383

#DIV/0!

0.000

#DIV/0!

#DIV/0!

0.000

#DIV/0!

#DIV/0!

0.000

#DIV/0!

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968 stock gears

Gear Change RPM drop (change @7200)

1 -> 2 -2674 (to 4526)
2 -> 3 -2035 (to 5165)
3 -> 4 -1625 (to 5575)
4 -> 5 -1291 (to 5909)
5 -> 6 -1058 (to 6142)

Transmission Diagram

