

Gear Ratio Calculator

Standard

MPH KPH

Target RPM

7800

Calculate Tire Diameter

26 in

Cir. 81.6814

Width

Aspect Ratio

Rim Diameter

RATIO

Ring & Pinion

9

to

31

3.4444

MPH

RATIO

1st gear

11

to

42

3.8182

45.894

13.152

2nd gear

19

to

43

2.2632

77.427

7.7953

3rd gear

25

to

41

1.64

106.848

5.6489

4th gear

31

to

40

1.2903

135.804

4.4444

5th gear

32

to

34

1.0625

164.923

3.6597

6th gear

37

to

34

0.9189

190.692

3.1652

#DIV/0!

0.000

#DIV/0!

#DIV/0!

0.000

#DIV/0!

#DIV/0!

0.000

#DIV/0!

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current gears

Gear Change RPM drop (change @7800)

1 -> 2 -3177 (to 4623)
 2 -> 3 -1769 (to 6031)
 3 -> 4 -1527 (to 6273)
 4 -> 5 -1149 (to 6651)
 5 -> 6 -890 (to 6910)

Transmission Diagram

