

Ratio Calculator

Standard

Target RPM

Calculate Tire Diameter

MPH KPH

6800

24.9 in

Cir. 78.2257

245

Aspect Ratio

40

Rim Diameter

17

Ring & Pinion

9

3.4444

3.7273

2.0476

1.56

1.2857

1.1

31

41

43

39

27

33

33

to

to

to

to

to

to

to

11

21

25

21

30

34

1st gear

2nd gear

3rd gear

4th gear

5th gear

6th gear

7th gear

8th gear

9th gear

MPH

39.252

71.450

93.783

113.790

133.002

150.735

0.000

0.000

0.000

0.000

Incr MPH

39.252

32.198

22.333

20.007

19.211

17.734

0.000

0.000

0.000

0.000

RPM@drop

#N/A

3735.66

5180.65

5604.40

5817.78

6000.00

0.00

0.00

0.00

0.00

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Proposed Gear Chart (Mid)

Top Speed @ 7800 RPM: 152.5607



Transmission Diagram

