

Gear Ratio Calculator

Standard

MPH KPH

Target RPM

7000

Calculate Tire Diameter

25.5 in

Cir. 80.1106

Width

Aspect Ratio

Rim Diameter

Ring & Pinion

8

to

31

RATIO

3.875

MPH

RATIO

1st gear

9

to

33

3.6667

37.390

14.208

2nd gear

20

to

41

2.05

66.876

7.9438

3rd gear

27

to

38

1.4074

97.411

5.4537

4th gear

30

to

34

1.1333

120.968

4.3917

5th gear

36

to

35

0.9722

141.014

3.7674

6th gear

45

to

37

0.8222

166.739

3.1861

#DIV/0!

0.000

#DIV/0!

#DIV/0!

0.000

#DIV/0!

#DIV/0!

0.000

#DIV/0!

California Motorsports Inc.
2175 N. Kiowa Blvd Ste 108
Lake Havasu City AZ USA 86403
(928) 855-5755 voice
(928) 855-5755 fax
www.californiamotorsports.net

2005 Boxster S G87/20

Gear Change RPM drop (change @7000)

1 -> 2 -3086 (to 3914)
2 -> 3 -2194 (to 4806)
3 -> 4 -1363 (to 5637)
4 -> 5 -995 (to 6005)
5 -> 6 -1080 (to 5920)

Transmission Diagram

