

Gear Ratio Calculator

Standard

MPH KPH

Target RPM

7800

Calculate Tire Diameter

26 in

Cir. 81.6814

Width
Aspect Ratio
Rim Diameter

Ring & Pinion

8 to 32

RATIO

4 MPH RATIO

	Ring	to	Pinion	RATIO	MPH	RATIO
1st gear	11	to	42	3.8182	39.520	15.273
2nd gear	19	to	43	2.2632	66.674	9.0526
3rd gear	25	to	41	1.64	92.008	6.56
4th gear	31	to	40	1.2903	116.942	5.1613
5th gear	32	to	34	1.0625	142.017	4.25
6th gear	37	to	34	0.9189	164.207	3.6757
		to		#DIV/0!	0.000	#DIV/0!
		to		#DIV/0!	0.000	#DIV/0!
		to		#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

Current gears

Gear Change RPM drop (change @7800)

1 -> 2	-3177 (to 4623)
2 -> 3	-2148 (to 5652)
3 -> 4	-1665 (to 6135)
4 -> 5	-1376 (to 6424)
5 -> 6	-1054 (to 6746)

Transmission Diagram

