

0808

4 POLE SENSORLESS BRUSHLESS MOTOR

GEARING RECOMMENDATIONS

	4100Kv			5300Kv			8200Kv		
BATTERY	6 cell NiMH	2S LiPo 8 cell NiMH	3S LiPo	6 cell NiMH	2S LiPo 8 cell NiMH	3S LiPo	6 cell NiMH	2S LiPo 8 cell NiMH	3S LiPo
PINION	Stock, possibly larger	Stock or smaller	Smallest possible	Stock or smaller	Stock or smaller	Smallest possible	Stock or smaller	Smallest possible	N/A
SPUR	Stock, possibly larger	Stock or larger	Stock or larger	Stock or larger	Stock or larger	Largest possible	Stock or larger	Largest possible	N/A



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Sidewinder Micro - recommended for 2WD vehicles and smaller 4WD (up to 2lbs), i.e. Mini-T, RC18B2, RC18T2

Mamba Micro X - recommended for heavier, 4WD vehicles (over 1.5lbs and up to 2.25 lbs), i.e. Mini-LST, Half-Eight, Mini-Quake, Spyder

 *Always start with the stock gearing, or the smallest pinion and largest spur available for your application. Pinion and spur gear sizes refer to tooth count. The pinion is the smaller gear on the motor and the spur is the large one attached to the car.
If you wish to change the gearing, you must check your motor temperature frequently on the first run. If the motor starts to get close to 180° (maximum temperature), reduce the pinion size, increase the spur size, or reduce the pack voltage.*