

12mm Motors

(Lead Rear Exit)	Kv	Io@8V	Rm	P In*	I	Max I**	Max V	Dimensions (Dia. X Length)	Shaft Dia	Weight
MR-012-030-4000	4000RPM/V	0.30A	0.1 Ω	44W	5A	6A	15V	12 x 30mm	2mm	15g
MR-012-030-5300	5300RPM/V	0.43A	0.18 Ω	44W	6A	7A	12V	12 x 30mm	2mm	15g

12mm motor is also available in 3200Kv, 6300Kv, 7300Kv, 8400Kv and 11000Kv

*Based on adequate air flow around motor, i.e., open air stream behind propeller

**Max I can be present for 30 seconds

All Afterburner motors are rated for 60,000 RPM operation and use ABEC 5 bearings

For the best efficiency, your ESC should be setup with 8° to 15° advance, and a switching rate of 10 to 20kHz.

The above motors have 4 poles.