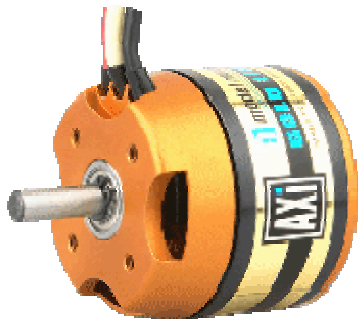


# AXI 4120-14 GOLD SERIES OUT RUNNER MOTOR

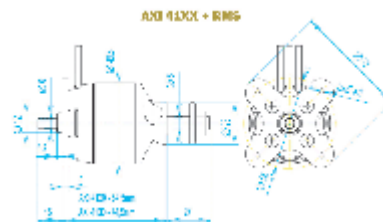
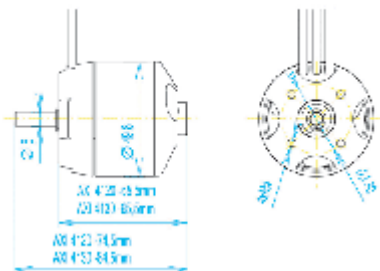
(Information Courtesy of AXI Model Motors)

These brushless motors with neodymium magnets and a rotating case are manufactured using the latest technology from the finest quality materials. The hardened steel shaft supported by three ball bearings, and overall robust yet lightweight construction, ensure a long service life. A new feature in the AXI design is a provision for radial mounting (see picture). The optional radial mount set includes: mounting flange, propeller adaptor, securing collar, and screws. The unique design of these motors gives extremely high torque levels to turn large diameter and high pitch propellers with a high level of efficiency. This motor is suitable for large sailplanes weighing up to 4500g and sports aerobatic models up to 3000g.

Specification	
No. of cells	12 - 16 4 - 5 Li-Poly
RPM/V	660 RMP/V
Max. efficiency	85%
Max. efficiency current	20 - 40 A (>82%)
No load current / 10 V	2 A
Current capacity	55 A/60 s
Internal Resistance	41 mohm
Dimensions (diameter. x lenght)	49,8x55,5 mm
Shaft diameter	6 mm
Weight with cables	320 g
















AXI 41XX



**Recommended setups for AXI 4120/14 GOLD LINE**

# AXI 4120-14 GOLD SERIES OUT RUNNER MOTOR

(Information Courtesy of AXI Model Motors)

						
	3500    123	4s	12	55A/60s	70A opto	13"x8"
	3800    134	5s	15	55A/60s	70A opto	12"x6"
	2900    102	5s	15	55A/60s	70A opto	12"x8"
	3200    113	3s	15	55A/60s	70A	15"x9"
	4200    148	4s	12	55A/60s	70A opto	14"x7"
	4800    169	5s	15	55A/60s	70A opto	12"x8"
	7,5 ccm / .46 - 2stroke .65 - 4stroke					

### Explanation of pictograms

Examples of use AXI 4120/14.

Motor	Prop. w/o gearbox	Battery	I/A	RPM	U (V)	P- OUT (W)	P- IN (W)	Efficiency (%)
4120/14	12x8 Aer CAM Carbon	12xRC 1700	28,6	7850	13,1	314	373	84
4120/14	12x8 Aer CAM Carbon	14xRC 1700	35,4	8780	14,7	439	522	84
4120/14	12x8 Aer CAM Carbon	16xRC 1700	42,2	9620	16,3	577	686	84
4120/14	12x8 Aer CAM Carbon	18xRC 1700	48,8	10360	17,8	722	869	83
4120/14	13x8 Aer CAM Carbon	12xRC 1700	30,8	7700	12,9	334	397	84
4120/14	13x8 Aer CAM Carbon	14xRC 1700	37,9	8580	14,6	463	551	84
4120/14	13x8 Aer CAM Carbon	16xRC 1700	45	9370	16,1	603	726	83

# AXI 4120-14 GOLD SERIES OUT RUNNER MOTOR

(Information Courtesy of AXI Model Motors)

Motor	Prop. w/o gearbox	Battery	I/A	RPM	U (V)	P- OUT (W)	P- IN (W)	Efficiency (%)
4120/14	12x9 Aer CAM Carbon	14xRC 1700	37,9	8580	14,6	463	551	84
4120/14	12x9 Aer CAM Carbon	16xRC 1700	45	9370	16,1	604	727	83
4120/14	13x11 Aer CAM Carbon	12xRC 1700	37,7	7230	12,5	392	472	83
4120/14	13x11 Aer CAM Carbon	14xRC 1700	45,7	7990	14	528	643	82
4120/14	14x9,5 Graup CAM fold prop	10xRC 1700	34,4	6050	10,6	301	362	83
4120/14	14x9,5 Graup CAM fold prop	12xRC 1700	43,5	6820	12,2	432	526	82
4120/14	14x10 Aer CAM Carbon	10xRC 1700	39,8	5720	10,3	332	409	81
4120/14	14x10 Aer CAM Carbon	12xRC 1700	49,5	6390	11,8	465	581	80