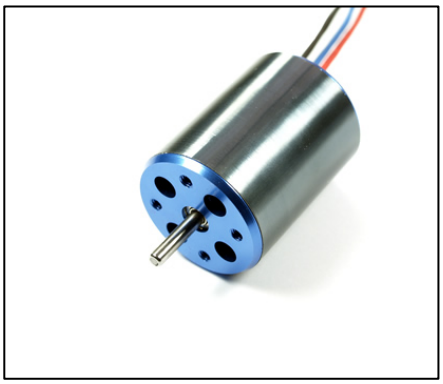
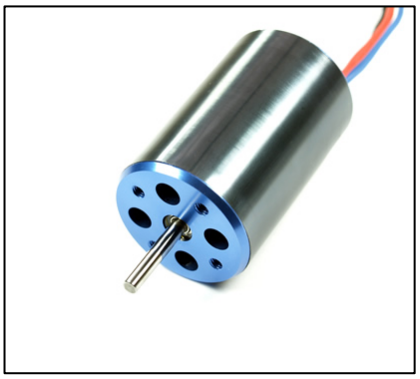
EX28 Series inrunner brushless motors

Thank you for using ELE products, please read the manual carefully before start to use our products and be careful of operational safety; if necessary, please use it under the guidance of experienced player.

Brief introduction

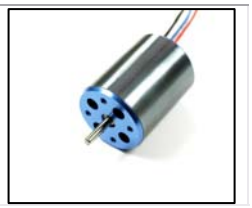




1. Rugged coil construction, The power advantage enjoyed by the EX28 Series motors is due to carefully shaped silicate-iron stators - which maximize wound copper and minimize magnetic shorting between the plates - plus extremely powerful, optimally-shaped magnets on the rotor. Kevlar sleeve on the rotor allows the EX28 series to turn up to 40,000 rpm continuously.
2. Special designed 6 poles stator construction combined with rugged coils provides high torque for EX28 series.
3. Special designed with high temperature resistance steel magnet and coils

一、 Specifications

EX28M



Weight(with wires and connectors):	2.76 oz(78 grams)
Length:	1.42"(36 mm)
Diameter:	1.1"(28 mm)
shaft:	3.0、2.3、3.17 MM

Model No	Kv	NoLoad Current	Ω	Max RPM	Max A Cont.	Max W (5 min)	Max A (20 sec)
EX28M-A	3880	4.10A	0.012	40,000	32A	260W	65A
EX28M-B	2580	2.00A	0.026	40,000	26A	260W	40A
EX28M-C	1810	1.30A	0.045	40,000	22A	260W	30A
EX28M-D	1430	0.95A	0.068	40,000	18A	260W	24A
EX28M-E	1190	0.80A	0.110	40,000	14A	260W	18A

EX28L

Weight(with wires and connectors):	3.46oz(98 grams)
Length:	1.69″(43 mm)
Diameter:	1.1″(28 mm)
shaft:	3.0、2.3、3.17 MM

Model No	Kv	NoLoad Current	Ω	Max RPM	Max A Cont.	Max W (5 min)	Max A (20 sec)
EX28L-A	2400	3.70A	0.022	40,000	34A	280W	68A
EX28L-B	1700	1.80A	0.043	40,000	28A	280W	42A
EX28L-C	1280	1.20A	0.079	40,000	24A	280W	32A
EX28L-C	1050	0.85A	0.116	40,000	20A	280W	26A
EX28L-E	850	0.60A	0.161	40,000	16A	280W	20A

三、Precautions

Proclamation: The specifications and external appearance of this unit are subject to change without notice.

1、EX28 series motors can only be driven by brushless speed controller which should be selected appropriately according to its max current.

2、 Please select load correctly, be sure the working current is below its rated current.

3、Please keep the motors well ventilated