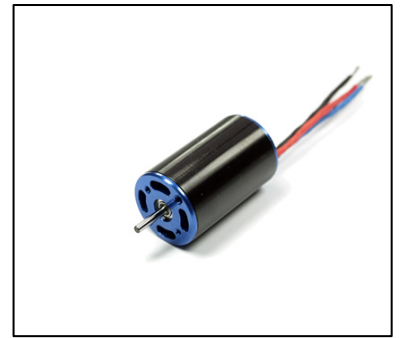
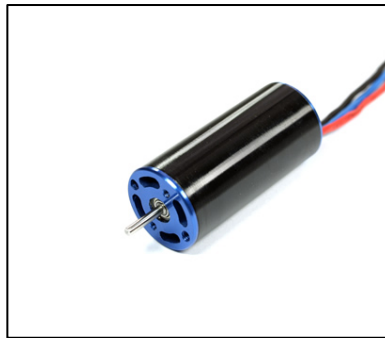



**EX20** series Inrunner brushless motors


Thank you for using ELE products, please read the manual carefully before put it into operation and be sure of your operational safety; you can also use it under the guidance of experienced player if possible.

**1. Brief introduction**

- (1) The EX20 inrunner brushless motors can provide several times power density than any other standard motors for its specially designed slotted stator coils.
- (2) Unique designed 4 magnet pole rotor combined with slotted stator coils can generate higher torque.
- (3) The EX20 series inrunner brushless motors apply high-temperature resistant magnet steel and coils with high quality.

**2. SPECIFICATION:**

EX20L							
Weight(with wires and connectors):		2.01oz (56 grams)					
Length:		1.69" (43.0 mm)					
Diameter:		0.79" (20 mm)					
Shaft diameter:		2.0、2.3mm					
Model No	Kv	NoLoad Current		Max RPM	Max A Cont.	Max W (5 min)	Max A (20 sec)
EX20L-A	4600	2.30A	0.039	40,000	30A	180W	48A
EX20L-B	3900	1.70A	0.068	40,000	26A	180W	38A
EX20L-C	3000	1.10A	0.100	40,000	22A	180W	32A
EX20L-D	2300	0.90A	0.140	40,000	18A	180W	26A

EX20M								
Weight(with wires and connectors):				1.55oz(43 grams)				
Length:				1.30"(33 mm)				
Diameter:				0.79"(20 mm)				
Shaft diameter				2.0、2.3mm				
Model No	Kv	NoLoad Current	$\Omega$	Max RPM	Max A Cont.	Max W (5 min)	Max A (20 sec)	
EX20L-A	5800	3.00A	0.032	40,000	26A	160W	44A	
EX20L-B	4300	1.90A	0.054	40,000	22A	160W	32A	
EX20L-C	3600	1.30A	0.078	40,000	18A	160W	26A	
EX20L-D	3000	1.10A	0.110	40,000	14A	160W	20A	

### 3.Precautions

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

1. this motor is only driven by brushless speed control(ESC), please select ESC according to the motor's max current.
2. please select load correctly, its working current should not higher than its rated current.
3. its operative condition should be well ventilated.