



Scorpion S-3032-12

[S-3032-12T]



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Price: \$85.99

Scorpion Competition Series Brushless Motors are built from the best materials available, and are designed to provide both quality and performance at an affordable price. Scorpion starts with high quality aluminum alloy parts that are produced on the latest CNC milling machines. These parts are then gold anodized to provide a beautiful, long-lasting finish. The stators are made with 0.2mm laminations to give maximum efficiency, and minimum Eddy current losses. The stators are epoxy coated to prevent shorts, and are wound with wire that is rated at 180 degrees C (356 F). The magnets used in Scorpion Motors are N-50EH style, which are rated for operation at 200 degrees C (392 F), making a motor that is virtually impossible to burn up in normal use.

The new version 3032 motors now have an extra ring bearing to support the back end of the rotor can for rock-solid stability. This prevents the shaft from flexing under load, and maintains the airgap between the stator and the magnets under all operating conditions.

All Scorpion 30mm motors come with 3.5mm male Bullet style connectors already attached, and include a complete hardware package that contains the following: 3 matching female Bullet connectors for your speed controller, a cross style backplate mount with 4 screws, and a 6mm threaded shaft prop adapter.

Scorpion Motors are built to last, and are backed with a 2-Year warranty against defects in materials or workmanship. For the best overall combination of quality, performance, and value, give Scorpion Motors a try!

Specifications

Stator Diameter	30.0 mm (1.181 in)
Stator Thickness	32.0 mm (1.260 in)
No. of Stator Arms	12
Magnet Poles	14
Motor Wind	12 Turn Delta
Motor Wire	20-Strand 0.21mm
Motor Kv	687 RPM / Volt
No-Load Current (I _o)	2.06 Amps
Motor Resistance (R _m)	0.039 Ohms
Max Continuous Current	70 Amps
Max Continuous Power	1200 Watts
Weight	223.6 Grams (7.89 oz)
Outside Diameter	37.50 mm (1.476 in)
Shaft Diameter	4.97 mm (0.197 in)
Body Length	49.9 mm (1.964 in)
Overall Shaft Length	88.5 mm (3.484 in)

Weight including packaging

442g