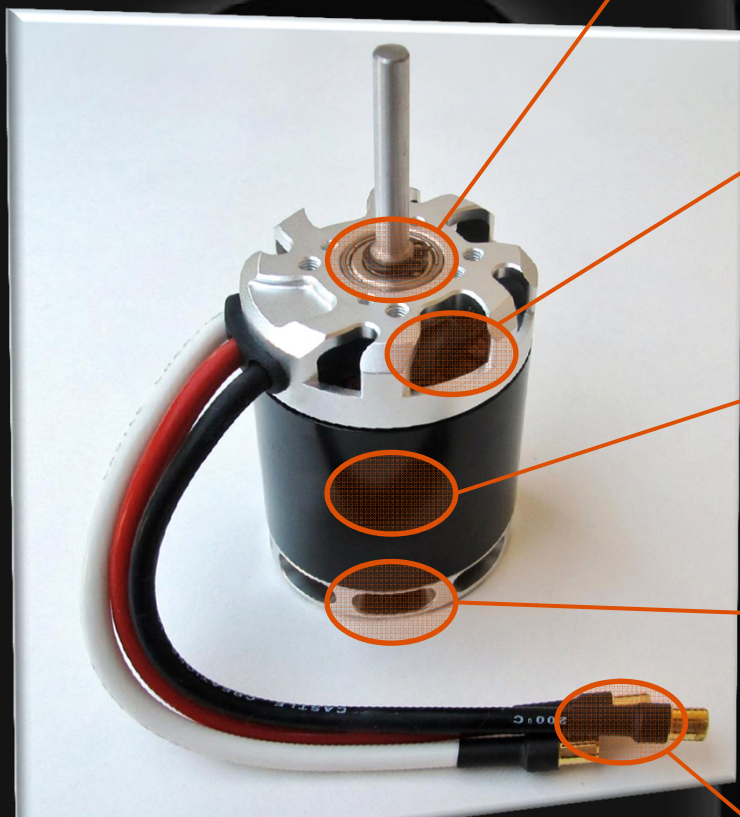


KDE DIRECT XF SERIES BRUSHLESS MOTORS TECHNOLOGY REVIEW

INDUSTRY-LEADING PERFORMANCE

Magnetic field simulation and years of field testing utilized to optimize power-output efficiency and torque-curves for RC Helicopter specific application. The XF Brushless Motor series produce a high-level of performance and are built to the highest-quality standards unlike any competitor offering on the market.



UNIVERSAL MOUNTING PATTERN

All XF Series motors have dual-mounting hole patterns for easy installation into all helicopter brands and standard motor mounts. In addition, four (4) high-grade, radial-ball bearings are installed in all versions for exceptional durability and vibration-free, smooth operation.



OPTIMIZED STATOR DESIGN

Stator construction uses the highest-grade, silicon steel laminations and ultra-high temperature, pure-copper wire for optimum efficiency and power transfer. Winding style selected for extremely low-resistance and torque-curve optimization; providing motors capable of high-torque generation at minimal-ampere draw.



MAGNET BELL CONSTRUCTION

All XF Series motors use true-grade, high-temperature rated N45SH Neodymium magnets for industry-leading performance. Machined slots and a full, 360° epoxy bond is incorporated at each magnet location to secure a permanent connection to the steel housing.



HIGH-VOLUME FAN DESIGN

Fan design optimized for high-air volume output at minimal ampere-draw; providing a cool-running, competition-capable motor even under the hardest flying styles and weather conditions.



SILICON-WIRE POWER LEADS

High-temperature, silicon-wire power leads come pre-soldered with 24K bullet connectors for easy installation. Wires are easily modified, solder-ready, and protected by a rubber exit-wire gasket.