



## Where BLDC Motor Reliability Really Begins

Most electric BLDC motor failures does not start in the final testing. It starts much earlier, at the lamination stage.

Lamination material, Lamination cutting, surface insulation and stacking are critical steps which determine the eddy current and hysteresis loss, optimal flux density and efficiency.

A deviation of a few microns in lamination dimensions and surface quality can mean higher eddy currents, unstable torque, and reduced efficiency of BLDC motors.

It is specially critical in defense and aerospace-grade applications.

**At GSImotion**, we treat stator laminations not as a commodity, but as a precision engineering foundation as gateway for Flux.

**If the core isn't right, nothing built on top of it will ever be.**

**Challenge us with your needs:** [marketing@gvsmotion.com](mailto:marketing@gvsmotion.com)