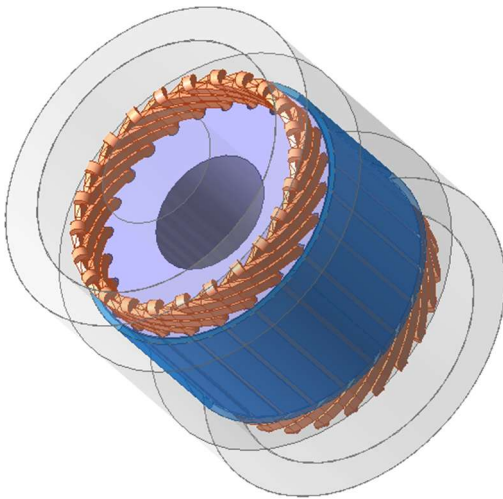


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Power and Precision: Magnet Solutions for Powertrain Actuators

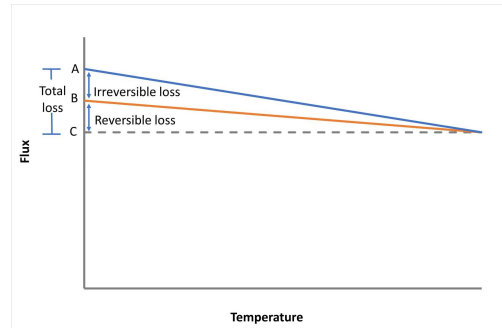


Actuators are vital components of automotive powertrains, converting electrical signals into physical movement that control elements like transmissions, clutches and valves. The precise, efficient operation of these actuators enable smooth gear shifts, optimal engine performance, and superior vehicle control.

The precision of our custom-engineered magnet solutions provides the exact range of speed, force and torque needed for these crucial actuators. Get in touch to learn more about our expertly engineered magnet solutions for powertrain actuators.

Thermal Stability and Magnet Flux Loss: Insights for Motor Engineers

Magnequench has steadily built a reputation for offering robust and specialized expertise in the field of bonded neo magnets. Our success lies in our team's comprehensive understanding of our magnetic materials and their behavior under various temperature conditions. Such knowledge is invaluable when addressing the challenges of magnet flux loss – a critical focus for motor engineers.



Understanding the magnet behavior under different temperatures and selecting the right magnet with regard to composition and shape is crucial in motor design. At Magnequench, we strive to provide our expertise to ensure the best cost, efficiency, and performance outcomes.

[Read Full Article Here](#)

Post Event Feature

The 23rd Shenzhen (China) International Small Motor, Electric Machinery & Magnetic Materials Exhibition

Thank you to all our valued customers who visited our booth at the Shenzhen Small Motor Show held in May. We truly appreciate your time and interest in our products and innovations. It was a pleasure to connect with you, share our latest developments, and discuss how we can support your needs.



Upcoming Event

Techno-Frontier 2025

23-25 July 2025

Tokyo Big Sight

Booth number: West “ 1 - E27”

<https://www.jma.or.jp/tf/en/>



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