

Eddy Current Dampers



CDA's eddy current dampers (ECDs) are built upon the gearmotor heritage and utilize the same materials and processes. They have been used in many space flight and aircraft applications where precise control over motion is required. They are passive devices that require no additional input to function. CDA also offers a cogless configuration for applications requiring minimal drag torques for additional margin at the end of deployment.

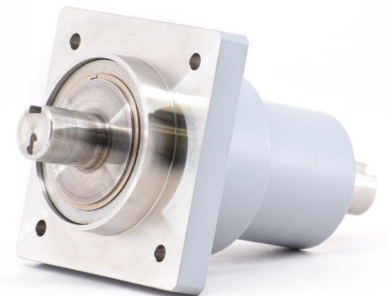
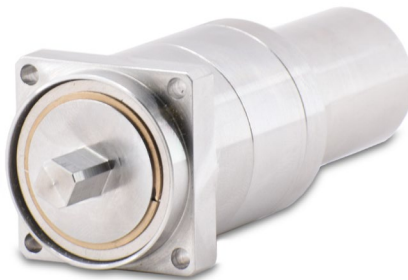


AEROSPACE

DEFENSE

DOWNHOLE

SPACE



Technical Summary

- Standard & Cogless designs available
- Passive or active with lead wire breakouts available
- Input torques up to 3,000 lb-in (339 Nm)
- Diameter from 0.75" (19 mm) to 3" (76 mm)
- Damping rates calibrated for each application
- Precision damping rate control to 5%
- Designed for extreme shock and vibration loads
- Pre-outgassed for space flight upon request
- Operational temperature -269 °C to +260 °C
- Radiation resistant
- Unlimited damping rates
- Right angle gearboxes available

Want more info about our Eddy Current Dampers?

**Contact us a
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