



ROTARY ELECTROMECHANICAL ACTUATOR

CUSTOMIZABLE BASE, SCALABLE DESIGN

Enabling faster production at a lower cost

As one of the world’s leading suppliers of actuation solutions, Collins Aerospace is constantly investing in research and development to offer more capabilities to our customers.

Our latest rotary electromechanical actuator (EMA) is designed with Advanced Air Mobility (AAM) applications in mind. Collins’ scalable EMA product family provides low

cost solutions that are customizable according to customer needs, with minimal lead times.

With its failure-tolerant design, Collins rotary EMA offers adjustable torque and range of motion to satisfy certification processes for a wide-range of AAM requirements. An electronic control unit and double load path design enables our EMA to have enhanced motion, safety, and reliability for our customers.

In addition to saving costs, our rotary EMA solutions are lightweight, flexible and easy to maintain.



KEY FEATURES & BENEFITS

- Lightweight
- Easily reconfigurable to meet different output torque
- Failure-tolerant design
- Adaptable to customer needs
- Stall load up to 300 Nm
- Electronics included in the solution

A strong foundation – for different needs

With decades of industry expertise, Collins Aerospace supports our customers from the design phase through the certification process. Our new rotary EMA performance testing is currently ongoing with an estimated completion date of laboratory testing by the end of 2023.



Specifications subject to change without notice.



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