Brushed & Brushless DC MOTORS

Features & Benefits:
We provide a full line of brushed and brushless motors with sizes and outputs for all types of aerospace and military applications.

Our full range of motors are available off-the-shelf or customized with specific gear heads, braking systems, cooling fans and integrated electronics, including soft start, overcurrent protection, speed control, built-in-test and active EMI protection.

All motors are designed to RTCA / DO-160 requirements and many are already certified on business jets, turboprops, helicopters and military ground vehicles across the globe.

Brushless Motors
- Fractional to 3 HP
- Sized 1" to 6.5" diameter
- Sealed and ruggedized
- Skydrol resistant
- Soft start
- Redundant EMI monitoring and protection
- Fault monitoring
- Integrated or external controller

Brushed Motors
- Fractional to 12 HP
- Sized 1" to 6.5" diameter
- EMI protection
- Fault monitoring
- Soft start
- Bearings sealed against hydraulic fluid
- Integral brake option
- Totally enclosed, through ventilated or explosion proof

Learn more at: AmetekPDS.com
ametek-pds-sales@ametek.com • +1-316-522-0424
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Application Examples for Business Jets, Helicopters, UAVs, Commercial and Military Transport

- Actuators
- Pumps
- Compressor Drives
- Hoists
- Flap Drives
- Landing Gear
- Engine Starters
- Power Drive Units
- Cargo & Passenger Doors

- Gun Feeders
- Turret Drives
- Cargo Loading
- Radars
- Canopy Ejection
- Environmental Cooling
- Fans / Blowers
- Missile Control Actuation Systems

The AMETEK PDS Advantage

- The established industry leader for brush and bearing life, reducing cost of maintenance to our customers
- Our motors are designed to operate continuously at full rated load in high temperature environments

Custom Designs Available Upon Request
ametek-pds-sales@ametek.com • +1-316-522-0424 • AmetekPDS.com