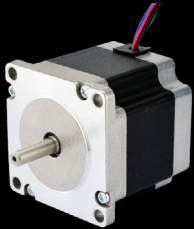


MOTORS

Motors: For Your Automation Application

iMotion maintains the broadest portfolio of motor products in the Rocky Mountain Region. Our motor options include: stepper, servo, AC, DC, gear motors and linear actuators. Let us assist you with integrating the best motor option into your application.



Stepper Motors

Permanent Magnet Motors (also called "tin-can" stepper) are the least expensive stepper option.

Hybrid stepper motors are less expensive than a servo, but provides efficiency and smoothness

to bridge the gap between the standard stepper and a servo.

Benefits

- Open Loop (Closed Loop with Addition of Encoder)
- Inexpensive, Long Life Option
- Positioning Capability
- Reduces Operation Cost with Low-Cost Stepper Driver
- High Torque in a Small Package

Servo Motors

Instrument Grade Servo motors are perfect for light duty, lower cost, open loop or servo functions.



Industrial Grade Motors provide more power and are ideal for use in harsh industrial applications. They are solely closed loop and work with a variety of feedback devices. These motors are offered in different NEMA frame sizes and are normally rated between IP65-IP67.

Benefits

- No Power Used at Standstill
- High Peak Torque Available
- Wide variety of types
- High Speeds Attainable



Gear Motors

Gear motors ensure a perfect combination between electric motor and gearbox, providing optimum efficiency while extending the life of your equipment.

Benefits

- AC or DC Options
- High Torque with Low Horsepower
- Slower Power Demand on Start
- Controlled Acceleration
- Adjustable Operational Speed
- Controlled Starting Current
- Adjustable Torque Limit
- Reliable Operation

AC Motors

AC motors are highly flexible in many features including efficiency and speed control.

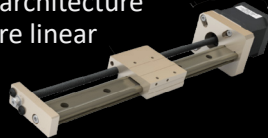


Benefits

- Synchronous and Induction Options
- Lower Cost
- Slower Power Demand on Start
- Controlled Acceleration
- Adjustable Operational Speed
- Controlled Starting Current
- Adjustable Torque Limit
- Reliable Operation

Linear Actuators

Linear Actuator Technology is your ideal choice for automated positioning, transfer and guidance. The linear actuator category includes: open architecture linear actuator, sealing architecture linear actuator and lead screw motor.



Benefits

- Low Maintenance, Simple Design
- Easily Integrated with Other Systems and Equipment
- More Precision Provided by Electric Actuation
- Long Lifetime with Little Maintenance
- Reliable, Safe, Clean and Energy Efficient

DC Motors

DC motors have both brush or brushless options as well as the capability of being open or closed loop.



Benefits

- Easy Installation
- Speed Control Over a Wide Range
- Quick Start, Stop, Reverse & Accelerate
- High Starting Torque



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