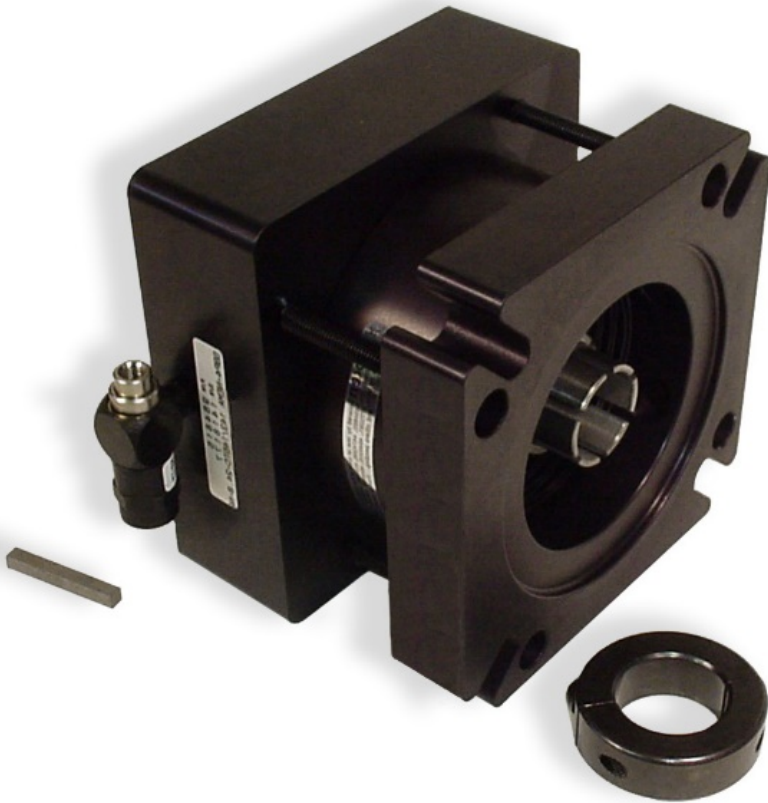
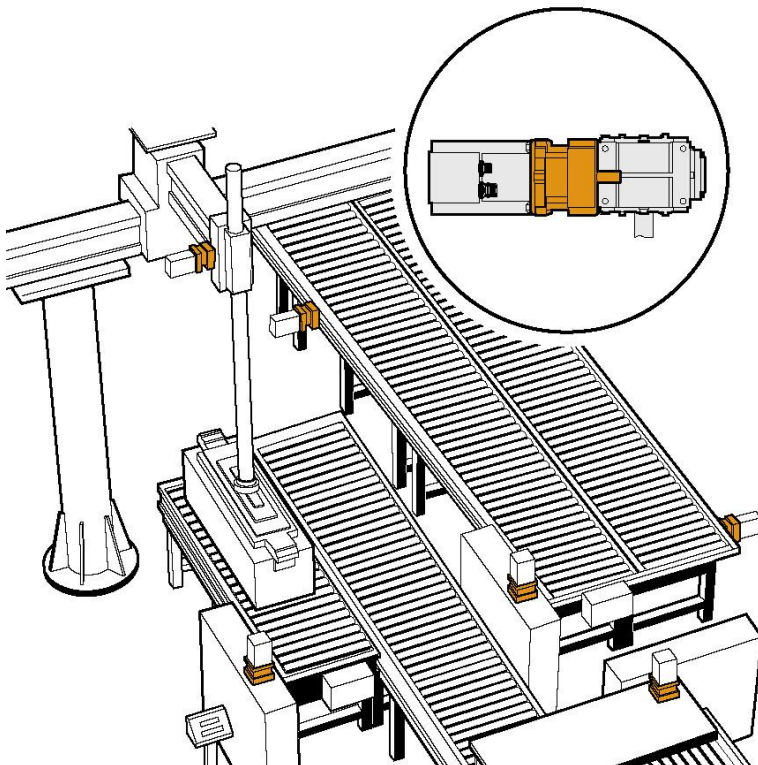


# Eclipse Servo Motor Brakes

*Nexen Servo Motor Brakes Deliver - Dependable Power Off Holding & Safety in Every Situation*



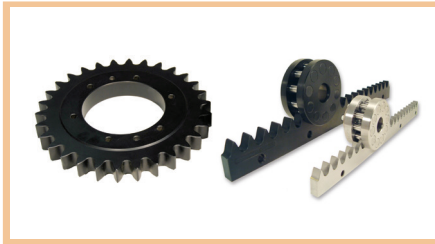
- **Spring Set, Air Released**
- **Wide Range of Sizes**
- **Simple Installation**
- **High Torque**
- **Zero Backlash for Precision Holding**
- **Bi-Directional Braking**
- **Long Facing Life**
- **Quick, Safe Emergency Stopping and Holding**
- **Meets IP67 Dust and Waterproof Standards**



**Power/mation**

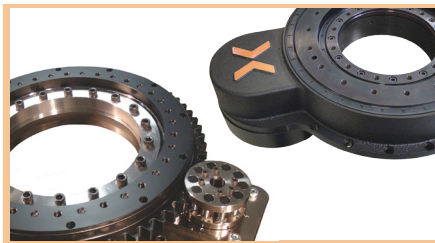
1310 Energy Lane  
St. Paul, MN 55108  
(800) 843-9859  
[www.powermation.com](http://www.powermation.com)

# Precision in motion.



## Roller Pinion System.

Patented rack and roller pinion design maintains high repeatable accuracy with zero backlash over longer distances with quieter operation - even at higher speeds.



## Precision Ring Drive Systems.

Complete with a precision-grade bearing and drive mechanism in a rigid housing for a system with unmatched performance while boasting fast accelerations, high speed and high load capacity.



## Harmonic Gearhead.

Backlash-free system from motor to the driven load, with up to a 70% reduction in length over standard gearheads. High precision, high load, and high stiffness in a compact size.



## Linear Profile Guide Rail Brakes.

Compact and powerful brakes deliver precision holding and locking at an affordable price. Compatible with most profile guide rails and carriages.



## Rod Locking Devices.

Precision holding with guide rod systems and NFPA or ISO cylinders. Large clamping surface ensures consistent performance, ideal for accurate positioning.



## Servo Motor Brakes.

Powerful, high-torque, no-slip holding force. Installed between the servo motor and linear device. Power-off, spring-engaged brakes provide improved safety with low inertia.