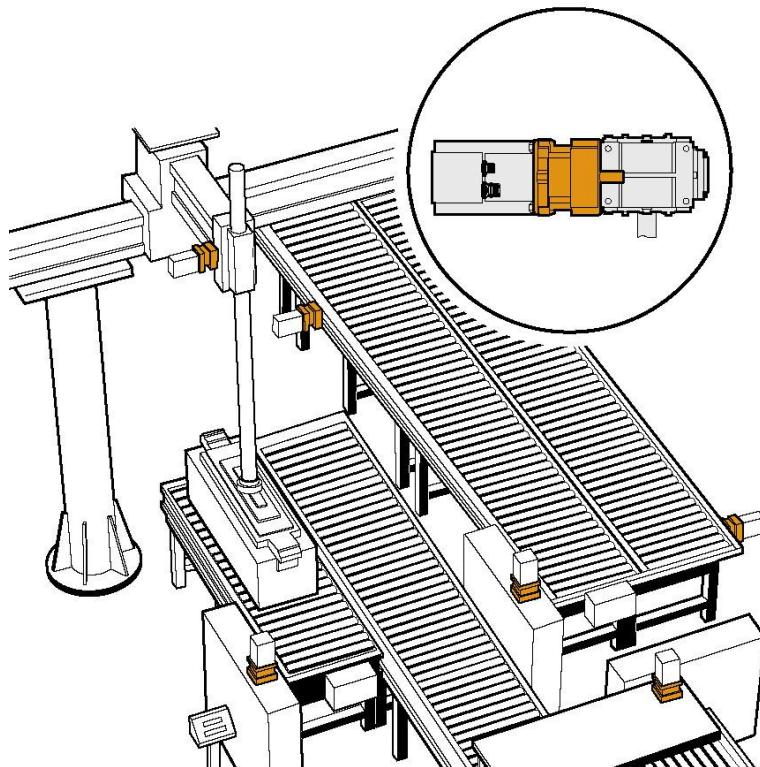
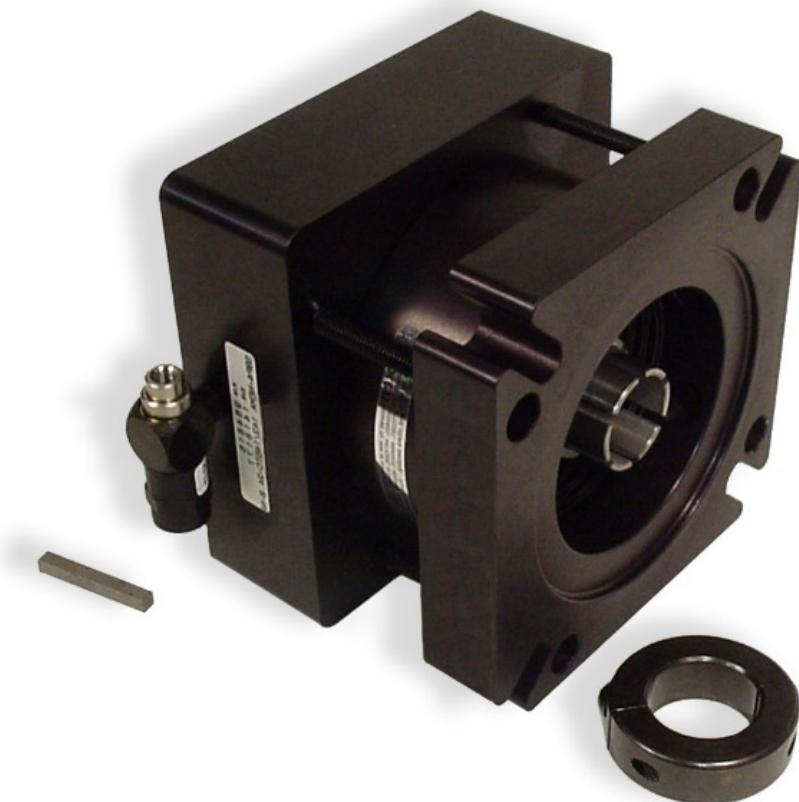


# Eclipse Servo Motor Brakes

*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)

**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.

**Zero Backlash Spoken Here.****nexen**<sup>®</sup>