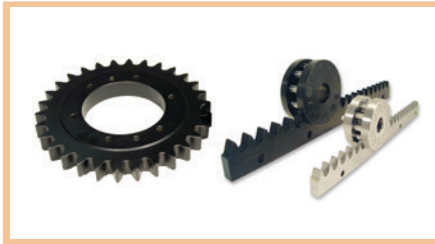
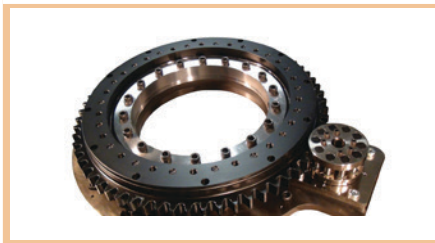


Precision in motion.



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 System.

Complete with a precision-grade bearing and gearhead for a system with unmatched performance while boasting fast accelerations 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.



Roller Pinion System.

- Zero backlash
- 99% efficient
- High precision
- No cumulative error
- High speed operation
- Unlimited length possible
- Easy system integration
- Low maintenance



Precision Ring Drive System.

- 99% efficient
- High indexing precision
- High speed and acceleration
- Speeds up to 94 RPM
- Unlimited performance at any position
- Easy system integration
- Load capacity up to 1575kN
- Repeatability up to ± 1.2 ArcSec



Harmonic Gearhead.

- Compact design
- Zero backlash
- High precision
- Low maintenance
- Quiet operation
- High performance output bearing
- Virtually no wear



Linear Profile Guide Rail Brakes.

- High clamping force
- Low backlash
- Spring-engaged, air-released
- Holds in all orientations
- Emergency stopping and holding
- Brake geometry matches rail system
- Models to fit most guide rail systems



Rod Locking Devices.

- Spring-engaged, air-released
- Extremely low backlash
- Rated for 3 million cycles
- Can be used in all orientations
- Cylinder mount or stand alone
- Large clamping area = no rod wear
- Can be stacked for additional force
- Meets IP67 standards
- Emergency stopping and holding



Servo Motor Brakes.

- Spring-engaged, air-released
- Zero backlash
- Long facing life
- Can be used in all orientations
- Low inertia
- Sizes to fit all servo motors
- Meets IP67 standards
- Emergency stopping and holding
- Enough torque to stall servo motor