



Making Safety a Priority

NexSafe® Functional Safety certified Rod Locks, Rail Brakes and Servomotor Brakes provide a verified, reliable solution that machine builders can depend on. With ISO 13849-1 Functional Safety Certification by Intertek®, these brakes are capable of Categories B through 4 and Performance Levels PLa through PLc. With spring engaged air released functionality, these products are default to lock, ideal for emergency stopping and holding applications.

NexSafe Safety Certified Rail Brakes

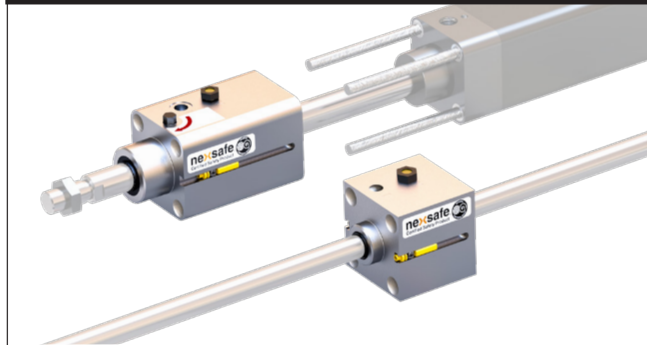


Compact and powerful brakes compatible with most profile guide rails and carriages.

Safety Features:

- Multiple springs
- Multiple actuators
- Engagement and Disengagement sensors available
- B_{10D} of 4 million cycles

NexSafe Safety Certified Rod Locks

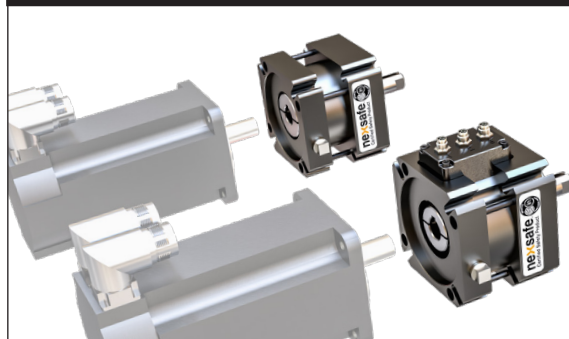


Precision holding with guide rod systems and NFPA or ISO cylinders.

Safety Features:

- Multiple springs
- Engagement and Disengagement sensors available
- B_{10D} of 2 million cycles

NexSafe Safety Certified Servomotor Brakes



Powerful, high-torque brake installed between the servomotor and the gearbox.

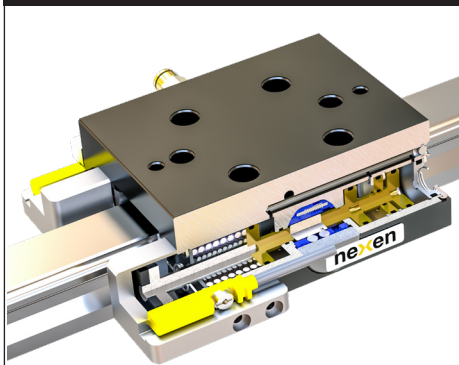
Safety Features:

- Multiple springs
- Integral clamp collar with backup keyway
- Engagement, Disengagement and Wear sensors available
- B_{10D} of 2 million cycles

nexsafe®
Certified Safety Products



NexSafe Safety Certified Rail Brakes



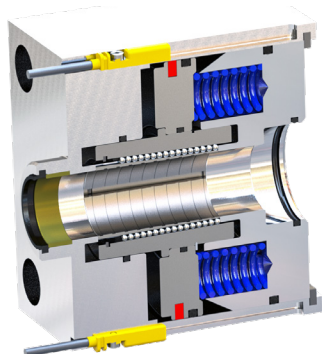
- High clamping force
- Low backlash
- Spring-engaged, air-released
- Holds in all orientations
- Emergency stopping and holding
- Brake geometry matches rail system
- Models to fit most guide rail systems



✓ CAT 4 PL e
✓ SIL 3

Certificate NO. FS-CRT-0006
intertek.com/directories/

NexSafe Safety Certified Rod Locks



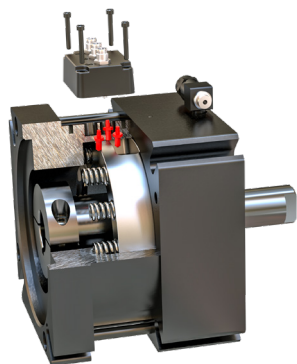
- Spring-engaged, air-released
- Extremely low backlash
- Can be used in all orientations
- Cylinder mount or stand alone
- Large clamping area means no rod wear
- Can be stacked for additional force
- Meets IP67 standards
- Emergency stopping and holding



✓ CAT 4 PL e
✓ SIL 3

Certificate NO. FS-CRT-0007
intertek.com/directories/

NexSafe Safety Certified Servomotor Brakes



- Spring-engaged, air-released
- Zero backlash
- Long facing life
- Can be used in all orientations
- Low inertia
- Sizes to fit all servomotors
- Emergency stopping and holding
- Enough torque to stall servomotor



✓ CAT 4 PL e
✓ SIL 3

Certificate NO. FS-CRT-0008
intertek.com/directories/

nexen

Nexen Group, Inc.

560 Oak Grove Parkway | Vadnais Heights, MN 55127

info@nexengroup.com | www.nexengroup.com | (800) 843-7445

In accordance with Nexen's established policy of constant product improvement, the specifications contained in this document are subject to change without notice. Technical data listed in this document are based on the latest information available at the time of printing and are also subject to change without notice. For current information, please consult www.nexengroup.com or contact Nexen's Technical Support Group.

©2024 NexenGroup, Inc.

L-21707-B-0724