

Industrial Caliper Brakes

Power Transmission Solutions

RINGSPANN advantages:

- Our never ending commitment to quality and safety
- Technical assistance and expertise
- Wide range of products
- Continuous innovation
- Pneumatic, hydraulic, electromagnetic and mechanical options
- Custom engineered solutions
- Dedicated brake resources
- Local inventory at our US location

Quality Products • Competitive Price • Commitment to Safety

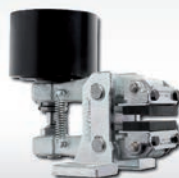


Industrial Caliper Brakes

Power Transmission Solutions

Spring Actuated – Pneumatically Released

Braking torques 10 - 38 500 Nm



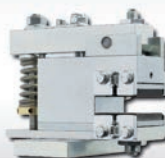
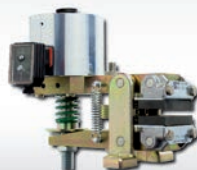
Spring Actuated – Hydraulically Released

Braking torques 200 - 38 500 Nm



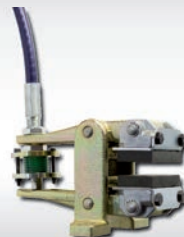
Spring Actuated – Electromagnetically Released

Braking torques 94 - 6 590 Nm



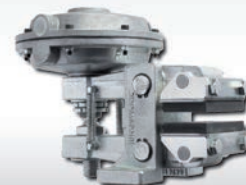
Spring Actuated – Manually Released

Braking torques 160 - 510 Nm



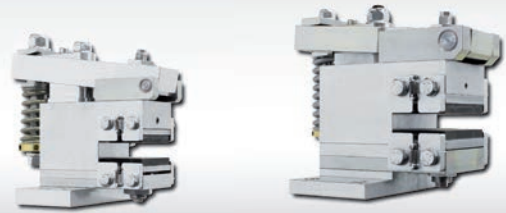
Pneumatically Actuated – Spring Released

Braking torques 0,5 - 23 000 Nm



Electromagnetically Actuated – Spring Released

Braking torques 60 - 7 910 Nm



Manually Actuated – Manually Released

Braking torques 20 - 600 Nm



Spring Actuated – Hydraulically Released

Braking torques 1 500 - 182 400 Nm



Hydraulically Actuated – Non-Releasing

Braking torques 10 580 - 325 000 Nm



Hydraulically Actuated – Spring Released

Braking torques 84 - 153 500 Nm



Freewheels

RINGSPANN®
Power Transmission



Backstops

Automatic protection against reverse running of conveyor belts, elevators, pumps and fans.



Overrunning Clutches

Automatic engaging and disengaging of drives.



Indexing Freewheels

For gradual feed of materials.



Housing Freewheels

Automatic engaging and disengaging for multimotor drives for installations with continuous operation.



Cage Freewheels

For installation between customer-supplied inner and outer rings.

Brakes

RINGSPANN®
Power Transmission



Industrial Brakes

Spring activated - pneumatically, hydraulically, electromagnetically or manually released.



Industrial Brakes

Pneumatically activated - spring released.



Industrial Brakes

Hydraulically activated - non-releasing or spring released.



Industrial Brakes

Spring activated - hydraulically released.



Clamping Units

Spring activated - hydraulically or pneumatically released. For secure and precise positioning of piston rods.

Shaft-Hub-Connections

RINGSPANN®
Power Transmission



Two-part Shrink Discs

External clamping connection for simple and secure mounting without torque wrench.



Three-part Shrink Discs

External clamping connection for the fastening of hollow shafts on solid shafts.



Cone Clamping Elements

Internal clamping connection in small dimensions for high torques.



Star and Clamping Discs

Shaft-Hub-Connection for frequent clamping and release.



Star Spring Washers

Axial spring element for pre-loading of ball bearings.

Overload Clutches & Couplings

RINGSPANN®
Power Transmission



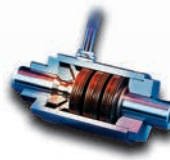
Torque Limiters with Screw Face

Reliable overload protection for tough operating conditions.



Torque Limiters with Friction Linings

RIMOSTAT® Torque Limiter for constant slipping torque. Belleville Spring Torque Limiter for simple release.



Force Limiters

Reliable axial overload protection in rods.



Tru-Line Flange Couplings

Rigid, easily removable shaft coupling with backlash free cone clamping connections.



Flexible Couplings

Large allowed radial and angular misalignments. Minimum resiliency.