## **RINGSPANN®**

## Disc Brakes DX ... FEA

Continuous adjustable brake spring

Automatic wear compensation unit

Maintenance-friendly steel lever design

Clamping forces up to 80 000 N Asbestos free sinter brake linings

#### Your benefit

- >> Easy and robust brake alignment and adjustment
- >> Self-centering device for equal air gap on both sides between brake lining and brake disc
- >> Parallel air gap with brake open
- >> Bolts and tension rods made of stainless steel
- >> Maintenance free self-lubricating bushings



E09.233e • 05/2025

# **RINGSPANN®**

## Leading manufacturer of brake systems

As a leading manufacturer of braking systems, RINGSPANN offers brakes, couplings, brake discs and brake control systems for heavy industry.

Our brake portfolio offers a wide range of brakes and peripheral equipment, specially designed for the high demands of harbour crane applications.

### For all drive units - main hoists, boom hoists, trolley drives and gantry drives - we supply:

- Electrohydraulic thruster brakes and thrusters
- Emergency brake calipers with hydraulic power units
- Couplings with brake discs
- Brake Control Systems
- Condition Monitoring Solutions
- Storm Brakes



- 2 Pin and Bush and Jaw Couplings with Brake Disc
- 8 Brake Control System and Condition monitoring
- 4 Emergency Brake Calipers
- 6 Hydraulic Power Units



E09.233e • 05/2025