GGRXEMB800

ELECTROMAGNETIC BRAKE



OVERVIEW

The Groxx GGRXEMB800 is a heavy-duty, fail-safe electromagnetic brake engineered specifically for 800 kg capacity traction hoists. Installed on the primary motor shaft, the GGRXEMB800 serves as the principal holding and parking brake for suspended access platforms and swing stages.

KEY FEATURES

- **Power-Off Spring-Applied Security**: Utilizes high-tensile internal compression springs to force the armature plate against the friction disc automatically when electrical coil power drops.
- **Encapsulated Electromagnetic Coil**: Vacuum-impregnated coil insulation resists moisture, dust, and electrical surges common on harsh construction jobsites.
- **Manual Emergency Lever**: Equipped with a heavy-duty manual release arm that allows controlled, gravity-assisted lowering during site power failures.
- **Adjustable Air-Gap Construction**: Engineered with accessible shims/adjustment points to easily reset the air gap as the friction lining wears over time, maximizing operational longevity.

TECHNICAL SNAPSHOT

PARAMETER	GGRXEMB800
Model Number	GGRXEMB800
Rated Hoist Capacity	800 kg Traction Hoist Systems
Operating Principle	Power-Off Spring-Applied Electromagnetic Engagement
Coil Voltage	Standard Industrial AC/DC (Customizable per Hoist Spec)
Brake Lining Material	Heavy-Duty Non-Asbestos Composite
Static Holding Torque	Rated for 150% + Overload Factor on 800 kg Load
Weight	3.65 kg

USE & INSPECTION

Install to the Groxx instructions by trained installers. Inspect before each use and at least every 12 months by a competent person.

STANDARDS

See product page

The GGRXEMB800 Electromagnetic Brake provides the frontline safety barrier for 800 kg suspended platforms. By combining power-off fail-safe engineering with heavy-duty thermal resistance, Groxx ensures instant holding response, continuous site safety, and seamless emergency control when working at extreme heights.

FULL DATA SHEET ↗

Product page ↗