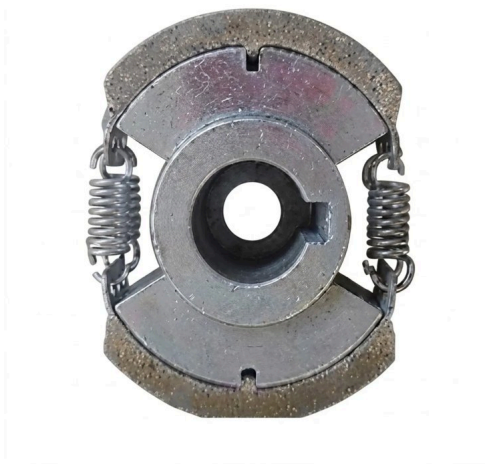
GGRXCB800

CENTRIFUGAL BRAKE



OVERVIEW

The Groxx GGRXCB800 is an autonomous mechanical safety brake engineered specifically for 800 kg capacity traction hoists. Designed to act as an independent overspeed protection system, the GGRXCB800 automatically limits descent velocity in the event of power loss, primary brake failure, or emergency manual lowering.

KEY FEATURES

- **Precision Flyweight Actuation**: Calibrated internal flyweights deploy outward against static friction drums as rotational speed rises, providing proportional braking force matched to speed.
- **Thermal Dissipation Geometry**: Enclosed in a finned alloy housing designed to radiate friction heat rapidly away from internal components during long controlled descents.
- **Non-Asbestos Friction Linings**: High-friction composite pads deliver stable brake torque across extreme temperature gradients without glazing or fading.
- **Dust & Moisture Shielding**: Fully enclosed housing prevents concrete dust, water, paint overspray, and environmental grit from contaminating internal flyweight pivots and friction surfaces.

TECHNICAL SNAPSHOT

PARAMETER	GGRXCB800
Model Number	GGRXCB800
Rated Hoist Capacity	800 kg Traction Hoist Systems
Activation Principle	Internal Centrifugal Flyweight Mechanism
Brake Shoe Lining	High-Friction Non-Asbestos Composite
Housing Material	Heavy-Duty Cast Alloy / AISI 316 Stainless Steel
Thermal Capacity	High-Heat Dissipating Ribbed Geometry
Weight	1.85 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 GGRXCB800 Centrifugal Brake provides peace of mind when operating at extreme heights.

FULL DATA SHEET ↗

Product page ↗