GRXFD800

FRICTION DISK



OVERVIEW

The Groxx GRXFD800 is a heavy-duty, high-coefficient friction disc engineered for 800 kg capacity traction hoists. Installed within the internal brake and clutch assembly, the GRXFD800 provides the essential frictional force needed to hold, arrest, and control heavy loads during vertical transport.

KEY FEATURES

- **Non-Asbestos Composite Compound**: Formulated from advanced aramid fibers and metal-particle composites to deliver stable friction coefficients across extreme operating temperature ranges.
- **Thermal Fade Resistance**: Engineered to withstand rapid heat buildup during continuous stopping cycles without losing braking torque or glazing the friction surface.
- **Precision Splined Internal Hub**: Features precision-machined internal splines/teeth for positive torque transfer to the drive shaft, preventing hub shearing under heavy emergency braking loads.
- **Low-Wear Surface Profile**: Optimized matrix density reduces lining wear while protecting opposing metal pressure plates from excessive scoring or grooving.

TECHNICAL SNAPSHOT

PARAMETER	GRXFD800
Part Number	GRXFD800
Rated Hoist Capacity	800 kg Traction Hoist Systems
Friction Material	High-Friction Organic / Non-Asbestos Composite Matrix
Core Structure	Reinforced Steel / High-Strength Alloy Core
Coefficient of Friction (μ)	0.40 to 0.48 (High-Torque Rating)
Temperature Tolerance	Up to +250°C (Thermal Fade Resistant)
Weight	0.28 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 GRXFD800 Friction Disc is engineered to deliver zero-compromise braking performance when it matters most. By combining high-coefficient composite materials with exceptional thermal resistance, Groxx guarantees smooth, immediate load holding and extended service life for high-rise suspended access operations.

FULL DATA SHEET ↗

Product page ↗