GRXRLS15

VH INTERMEDIATE RAIL BRACKET



OVERVIEW

The Groxx GRXRLS15 is a high-strength, load-bearing intermediate bracket designed for the HVB Rail Lifeline System (Horizontal, Vertical, and Bevel). It serves as a critical structural interface, facilitating track positioning and providing the necessary load transfer from the rigid rail to the concrete substrate or primary structure.

KEY FEATURES

- **Advanced Load Transfer**: Engineered to transfer dynamic fall arrest forces directly to the concrete substrate while maintaining strict deflection control and stability restraint for the rail.
- **Dual-Point Clamping**: Features a specialized dual-point clamping mechanism that ensures maximum rail stability and prevents rotation or shifting under high-velocity transit.
- **Stability & Precision**: Designed to strictly control the spacing and precision of the rail installation, which is vital for the smooth passage of traveler shuttles across multi-span layouts.
- **Adjustable Installation**: The bracket architecture allows for fine-tuned adjustments during mounting, ensuring the rail remains perfectly aligned regardless of minor substrate irregularities.

TECHNICAL SNAPSHOT

PARAMETER	GRXRLS15
Model Number	GRXRLS15 (Ref: AD2511290001)
Material Composition	Stainless Steel Bracket (304) with Aluminum Alloy Base (AL)
EN requirement	Static test 12 kN (18 kN if any load-bearing part is non-metallic), +1 kN per additional user (CEN/TS 16415)
Safe Load Capacity	12 kN
Safety Factor	1.5
Unit Weight	837 g
Width (B)	70 mm
Height (H)	58.4 mm
Length (L)	190 mm

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

EN 795:2012 Type D | CEN/TS 16415

The GRXRLS15 provides the heavy-duty structural support required for complex HVB rail systems.

FULL DATA SHEET ↗

Product page ↗