GGHVB062

GROXX RAIL LIFELINE

Also used in RL



OVERVIEW

The Groxx GGHVB062 is a comprehensive rigid rail fall protection architecture engineered for horizontal, vertical, and bevel (HVB) applications. Designed for maximum versatility, this system provides a continuous, high-stability load path for personnel engaged in inspection, maintenance, and structural cleaning tasks across industrial and architectural landscapes.

KEY FEATURES

- **Rigid Rail Structure**: High-rigidity aluminium alloy profiles give superior stability with minimal sway or deflection compared to cable-based lifelines.
- **Non-Disconnection Transit**: Precision-engineered shuttles pass seamlessly through intermediate brackets.
- **Material Integrity**: Constructed from AISI 304/316 Stainless Steel and High-Grade Aluminum (AL) variants for maximum corrosion resistance in aggressive environments.
- **Operational Validity**: 10-year lifespan, contingent upon mandatory annual professional recertification and maintenance.

TECHNICAL SNAPSHOT

PARAMETER	GGHVB062
EN requirement	Static test 12 kN (18 kN if any load-bearing part is non-metallic), +1 kN per additional user (CEN/TS 16415)

Component	Technical Function	Material Spec
Main Rail	Rigid anchorage line and load-bearing track	Aluminum Alloy
Rail Support	Secures rail to structure; controls span and stiffness	304 SS / Aluminum
Rail Traveler	Mobile anchor point with low-resistance bearings	304 SS / ABS / AL
Rail Bumper	End-of-line elastic energy absorber	304 SS / Silicone
End Terminal	Anti-detachment safety stopper	High-Grade Aluminum

INSTALLATION & USE

Multi-User Capability: The GGHVB062 is dynamically tested to support multiple users working simultaneously, provided the system configuration and support spacing adhere to the calculated engineering design.

STANDARDS

EN 795:2012 Type D | CEN/TS 16415

> By eliminating the dynamic "sag" found in flexible cable systems, the GGHVB062 significantly reduces the required fall clearance.

FULL DATA SHEET ↗

Product page ↗