GGOVHLR

LIFELINE ON OVERHEAD ACCESS RIGID STRUCTURE

Also used in OL



OVERVIEW

An overhead lifeline on a rigid structure, such as a structural I-beam, gives workers a high-strength, low-deflection anchorage path above their heads. It clamps or bolts to the lower flange of the beam, and because the beam does not sag, the free-fall distance and required clearance are much smaller than with a cable system.

KEY FEATURES

- **Direct Structural Integration**: The system is engineered to clamp or bolt directly to the lower flange of an existing I-beam.
- **Minimal Fall Clearance Requirement**: Because the rigid beam does not deflect (sag) like a cable system, the "Free Fall Distance" is significantly reduced.
- **Low-Friction Trolley Articulation**: The system utilizes a specialized "Beam Glider" or trolley that travels along the flange.

TECHNICAL SNAPSHOT

PARAMETER	GGOVHLR
Material Support	Structural Steel I-Beams (S-Beam, W-Beam, or Channel)
Mounting Hardware	Grade 8.8 High-Tensile Steel Clamps / 316SS Bolts
Glider Capacity	Up to 25 kN Static Strength
User Rating	1 to 4 Users (Structure dependent)
Finish	Hot-Dipped Galvanized or Powder Coated
Standard Compliance	EN 795:2012 Type D (horizontal rigid rail) + CEN/TS 16415
EN requirement	Static test 12 kN (18 kN if any load-bearing part is non-metallic), +1 kN per additional user (CEN/TS 16415)

INSTALLATION & USE

Non-Invasive Clamping: Groxx utilizes "friction-bolt" clamping technology, which secures the system to the I-beam without the need for drilling or welding.

Compatibility: Fully compatible with Groxx Self-Retracting Lifelines (SRLs) and the GGALSA062 adjustable lanyards for a complete, end-to-end safety solution.

STANDARDS

EN 795:2012 Type D | CEN/TS 16415

> The Groxx brand distinguishes itself in the rigid-structure market through precision engineering and "user-first" ergonomics.

FULL DATA SHEET ↗

Product page ↗