GGVLS056-2

VERTICAL LIFELINE SYSTEM WITH EXTENSION POST

Also used in VL



OVERVIEW

The vertical fall arrest system with extension post is designed for personnel who frequently ascend and descend fixed ladders. The extension post rises above the top rung so the climber stays connected while stepping off, and the system arrests a fall within centimeters to prevent serious injury.

KEY FEATURES

- **Rigid Anchorage Line**: Constructed from high-tensile Stainless Steel Wire Rope, the line is held under constant tension between heavy-duty top and bottom mounting brackets.
- **Precision Rope Grab**: The stainless steel fall arrester follows the user's movement effortlessly. It comes equipped with a special anti-inversion mechanism, ensuring the device can only be installed in the correct orientation for maximum safety.
- **Shock Absorbing Interface**: The user connects to the rope grab via a compact, integrated shock-absorbing lanyard, which minimizes impact forces on the body in the event of a fall.
- **Mechanical Tensioner**: A screw-type mechanical tensioner is situated at the bottom bracket, allowing installers to fine-tune the line's rigidity and account for environmental expansion or contraction.

TECHNICAL SNAPSHOT

PARAMETER	GGVLS056-2
Material	Grade 316/304 Stainless Steel
User Capacity	Typically 1 User per line (Refer to system specific manual)
EN requirement	Static 15 kN (22 kN textile elements); max. arrest force 6 kN; max. arrest distance 1 m
Compliance	EN 353-1:2014 + A1:2017
Tensioning	Integrated Mechanical Screw System
Intermediate Spacing	Recommended every 3m – 4m

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 353-1:2014

> This fall arrest system balances simplicity with sophisticated engineering. The anti-inversion technology removes the most common cause of vertical lifeline failure—incorrect installation of the slider.

FULL DATA SHEET ↗

Product page ↗