

Technical specs

TR007T_ - PROTECTOR ELEVATOR 20 M

Name:

CABLE SELF-RETRACTABLE FALL ARRESTER WITH WINCH + 1 AM016 - 20 M

Size:

Single

Colour:

Grey



Description :

Self retractable fall arrester in steel cable with removable rescue winch. Steel case. Inertia locking system. Energy absorber. Length: 20 m. 1 connector AM016.

Materials:

Cable : steel.

Casing: steel.

Winch : steel.

Connector : galvanized steel.

Weight: 14,9 kg.

Strong points:

Up / down function valve rescue winch. Non return system. Integrated carrying handle. The rescue winch enables the evacuation of a person from above or below.

Instructions for use:

This Protector is recommended for occasional winching operations and when fitted with the rescue lifting and lowering device, for works in small spaces: sewers, wells, silos.

The test methods described in the standards do not represent actual usage conditions. It is therefore important to study each work situation and that each user is fully trained in different techniques in order to know the limits of the various devices. This product is inseparable from a comprehensive fall protection system (EN363). This fall arrest device is connected by its handle to the anchor point (EN795).

The fastening point (located at the top of the casing) of the fall arrest device is connected to the anchoring point (EN795 - min: 15kN) of the structure by a connector (EN362).

The end of the strap or cable is connected to a rear fastening point of a harness (EN361) by a connector (EN362).

OPERATION: When attached to the anchor point above the user, this fall arrest device allows for large vertical movements and large horizontal movements on a horizontal or inclined plane.

During the user's movement phases, the cable or strap is wound and unwound on a drum. The cable or the strap is constantly held tight by a return spring. In the case of a fall, a lock blocks the progress of the cable or strap and instantly stops the initiated fall.

For fall arrest devices equipped with the fall indicator function: a red colour appears on the swivel during a fall.

It is recommended to assign a fall arrest device for each user.

The vertical clearance is the stopping distance H + additional safety distance of 1 m. The distance H measured from the initial position to the final position (user's balance after the fall arrest).

VERTICAL CLEARANCE = 3m

Limits to use:

Do not use this fall arrester out of its usage specifications defined in the instructions above. Be careful about pendular effect during equipment use.

Metal products and mechanical products (self retracting fall arrest device, sliding, work on ropes, anchors etc. ...) : Maximum duration of 20 years from the date of manufacture (including storage and use). The shelf life is given as an indication. The



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following factors can cause it to vary greatly:

- Non-compliance with the manufacturer's instructions for transport, storage and use
- "Aggressive" work environment: marine atmosphere, chemicals, extreme temperatures, sharp edges...
- Particularly intensive use
- Shock or significant constraint
- Disregard for the product item's history

Warning: these factors can cause damage invisible to the naked eye.

Warning: certain extreme conditions can shorten the shelf life by a few days.

If in doubt, always remove the product for it to undergo either:

- a review
- destruction

The shelf life is not a substitute for periodic verification (minimum annually) which will assess the condition of the product.

This equipment should be used in work environments with minimum temperatures of -32°C / maximum of $+50^{\circ}\text{C}$. FEATURE OUTSIDE OF STANDARD: This PPE has been tested with a mass constraint 50% higher than the standard requirements (at 150 kg)

Instructions for storage:

During transport and storage:

- keep the product in its packaging
 - keep the product away from any sharp, abrasive, objects etc#
 - Keep the product away from sunlight, heat, flames, hot metal, oil, petroleum products, harsh chemicals, acids, dyes, solvents, sharp edges and structures of small diameter. These items can affect the performance of the fall arrest device.
- After use, store the product in its packaging in a cool, dry, ventilated area.

Instructions for cleaning / maintenance:

Clean with soap and water, wipe with a cloth and hang in a ventilated area to dry naturally away from any direct fire or source of heat, even for items that got wet during use.

Do not use bleach, harsh detergents, solvents, gasoline or colouring, these substances can affect the performance of the fall arrest device.

Clean the strap with a soft detergent only.

Performances :

Compliance with the essential requirements of Directive 89/686/EEC, in particular in terms of design, ergonomics and safety. Meets with requirements and test standards EN363, EN364, EN365, EN360 and EN1496-B where appropriate.

Cable: breaking strength $>12\text{kN}$.

Tested at 150 kg according to EN360, see product marking.

Other components: Connector or shock absorber: Follow the instructions described in their own technical specifications.



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