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PROTEKT[®] RETRACTABLE TYPE FALL ARRESTER WR040MEWP

CE 0082 PPE-R/11.060
EN 360:2002 PPE-R/11.062
PPE-R/11.085



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II



III

RETRACTABLE TYPE FALL ARRESTER 1

WR040MEWP 2

SN XXXXXX 3

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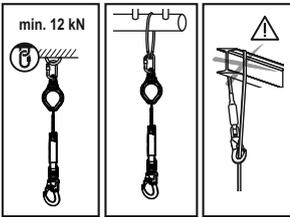
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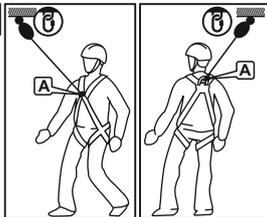
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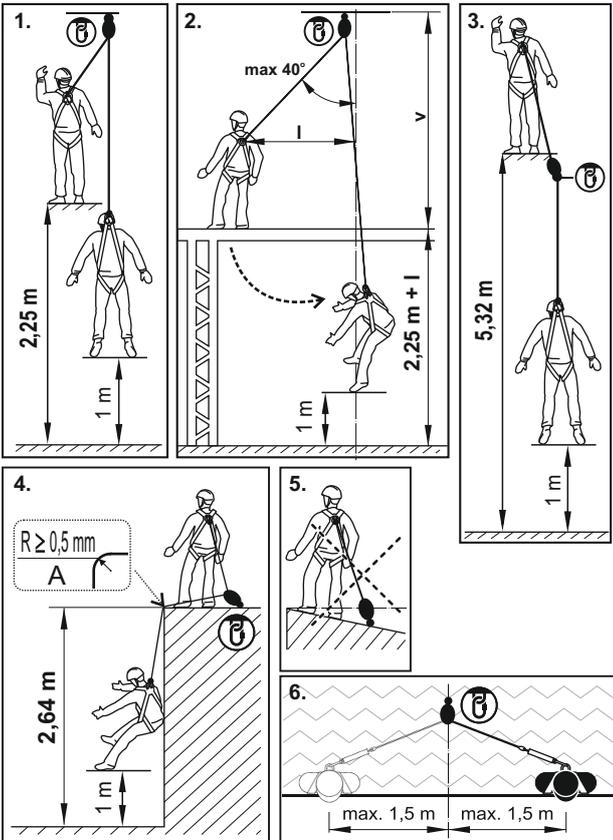
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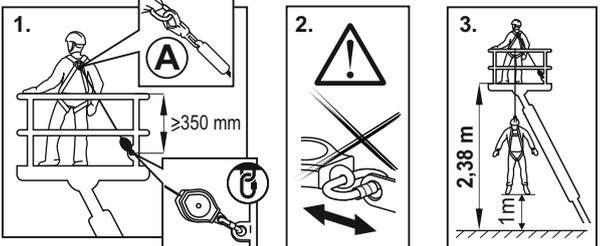
VI



VII



VIII



EN – Read and understand the instructions carefully before using the equipment

I. DESCRIPTION

The retractable type fall arrester is a piece of personal protective equipment against falls from a height complying with EN 360:2002. The equipment meets the requirements of Regulation 2016/425. The retractable type fall arrester provides fall protection for one user. The device has been successfully tested for horizontal use with the type A edge allowed to fall. A steel edge with a 0.5 mm radius profile and no burrs was used for the test. With this test, the device can be used on similar edges to those found, for example, on rolled steel profiles, on wooden beams or on a rounded window sill. If the risk assessment carried out before starting work shows that the edge poses a high risk of cutting the webbing or it has burrs, appropriate measures must be taken to prevent falling off the edge or an edge protector must be fitted or the manufacturer must be contacted before starting work. The permissible user weight is 120 kg. The maximum length of the device is 1.8 m

II. DESCRIPTION

- a) Topside swivel
- b) Webbing winding mechanism in a housing
- c) 18 mm wide work webbing made of aramid with polyester braiding
- d) Energy absorber
- e) Connector with swivel (optional fall indicator)

III. DEVICE MARKING

1. Device type
2. Part number
3. Serial number
4. Date of production
5. Designation of the manufacturer or distributor
6. European standard number
7. CE marking and the registration number of the notified body responsible for the device production process control
8. Month and year of next inspection – inspection label
9. Before each use, visually inspect the equipment
10. Read the instructions before use
11. Before each use, check the function of the locking mechanism
12. Temperature range in which the device can be used
13. Maximum user weight
14. Use only with a full body harnesses complying with EN 361
15. Do not let go of the suddenly pulled out device webbing
16. Do not repair the appliance yourself
17. Approval for use on mobile platforms
18. Approval for use of device anchored below the user (fall factor 2)
19. Approval for use in the horizontal plane and falling through the edge A

IV. VISUAL INSPECTION BEFORE USE

Before each use of the device, the person using it must carry out a thorough visual inspection of the device components: the housing, the connector, the working webbing (along its entire length) for mechanical, chemical and thermal damage. Test the lanyard winding and retarding gear by vigorously pulling the lanyard snap hook to unwind. The webbing should lock and stop developing further. When the webbing is released, it should be freely retracted (pulled in) by the machine. This inspection and test shall be done by the user of the fall arrester. If there are any faults or doubts about the correct condition and operation of the equipment, it must be taken out of service immediately. When using the fall arrester, protect all its system components from exposure to oils, solvents, acids and alkalis, open flames, hot metal splinters/splutter and sharp-edged objects. When working on lattice structures, it is important to avoid interlacing the webbing between the different parts of the structure. Avoid using the fall arrester in very dusty or oily environments.

V. ATTACHING THE RETRACTABLE TYPE FALL ARRESTER TO A STRUCTURAL ANCHOR POINT

The device must only be connected to a structural anchor point (anchorage point) via a swivel bracket using a coupling [A] or hitch [B] complying with EN 362 or EN 795. The structural anchor point should have a static strength of min. 12 kN. The shape and design of the permanent structure's anchor point shall prevent the fall arrester from detaching or sliding off on its own. It is recommended to use EN 795 certified and marked structural anchor points.

VI. ATTACHING THE RETRACTABLE TYPE FALL ARRESTER LANYARD TO A FULL BODY HARNESS

The lanyard/webbing connector should only be connected to the front or rear attachment point of the harness marked A. The full body harness shall comply with the requirements of EN 361. Always secure the connector with the locking mechanism.

VII. REQUIREMENTS FOR STRUCTURAL ANCHOR POINTS/REQUIRED CLEARANCE UNDER THE USER'S FEET

1. Where the unit is installed in a vertical line above the user, the minimum space below the work area should be 2.25 m.
2. If the working webbing of the retractable type fall arrester is deflected from the vertical, an unfavourable "pendulum effect" is created during fall arrest. To minimise this effect, the unit's belt should not be deviated from the vertical by more than 40°. To maintain this condition of safe operation, the user should not move horizontally from the appliance a distance "l" greater than 1/2 the height of the appliance above the working level "v". The minimum clear space below the work level should be 2.25 m + horizontal distance "l".
3. The device is tested and approved for use when the user is above the anchored device. In this situation, the required clearance under the user feet must be at least 5.32 m.
4. The minimum required clearance under the edge must be 2,64 m. When operating horizontally, the unit must be installed at or above edge level.
5. When falling over the edge, particular attention should be paid to the potential pendulum effect and the possibility of the user coming into contact with structural elements. In order to avoid falling with a pendulum effect, movement from the axis of the fixed anchor point should be limited to 1.5 m. Otherwise, an anchoring device complying with EN795 Type D must be used instead of a fixed anchor point. The device has not been tested with type C devices.

VIII. USING THE DEVICE ON MOBILE PLATFORMS (BASKET LIFTS)

1. The WR040MEWP self-locking device can be used to secure the employee on mobile platforms. The WR040MEWP mechanism should be attached to the anchor point intended for fall arrest equipment located in the lift. To minimize the risk of the device tipping over or falling, the anchor point must be at least 350 mm from the upper edge of the platform handrail. The work strap connector marked with a capital letter A should be attached to the attachment point of the user's safety harness. The WR040MEWP self-locking device with a maximum length of 1.8 m cannot be used with an extension cord or with a safety harness equipped with an element extending the attachment point. 2. Pay attention to the correct positioning of the connector to the anchor point to avoid transverse loading of the connector. 3. The minimum space required under the platform must be 2.38 m. The information from the platform manufacturer regarding the behaviour of the platform during fall arrest must be taken into account. During a fall, the platform, basket or support arm may be hit. The force transferred by the device to the anchor point during the test was 1.71 kN.

IX. PERIODIC INSPECTIONS

At least after every 12 months of operation – starting from the date of first use – a periodic inspection of the device shall be performed. The periodic inspection shall only be carried out by a competent individual who is experienced and trained in the periodic inspection of personal protective equipment. The operating conditions may affect the frequency of periodic maintenance, which can be carried out more frequently than every 12 month of operation. Each periodic inspection shall be recorded in the fall arrester's service log. It is recommended to mark the date of the next inspection on the device with a special "Next inspection" label.

X. SERVICE LIFE

The operating life of the equipment is 10 years from the production date. NOTE: The maximum service life depends on the duty and operating environment. Operation of the fall arrester in harsh conditions, with frequent exposure to water, sharp edges, extreme temperatures or corrosive chemicals may lead to premature mandatory removal from service, even after a single use only.

XI. DECOMMISSIONING

The retractable type fall arrester must be taken out of service immediately if there is any doubt as to its correct condition and operation. The equipment may be put back into service after a detailed inspection by the equipment manufacturer or its authorised representative and its written consent to the re-use of the equipment. The retractable type fall arrester must be taken out of service immediately and sent to the manufacturer or its authorised representative for a detailed inspection if it has been involved in stopping a fall. Any repairs or servicing may only be carried out by the device manufacturer or its authorised representative.

XII. KEY PRINCIPLES OF USING PERSONAL PROTECTIVE EQUIPMENT AGAINST FALLS FROM HEIGHT

PPE shall only be used by personnel trained in its operation.

