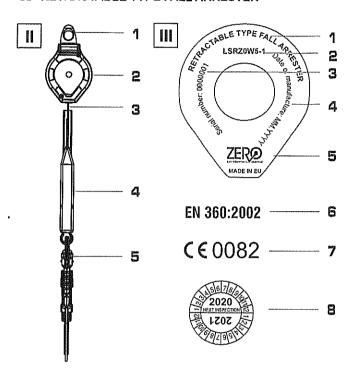
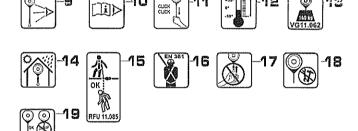


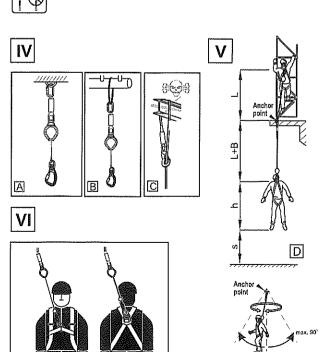


EN 360:2002 LSPZOW3-1/LSPZOW5-1

## **GB RETRACTABLE TYPE FALL ARRESTER**







GB - NOTICE: Read and fully understand these instructions before using this equipment.

The retractable-type fall arrester device is a component of the personal protective equipment against falls from a height and conforms to EN 360:2002.

The fall arrester is the protection for one person only. Available lengths of the device:

- Ref. WR 040S - 2 meters Maximum Working Load:140 kg.

### II. NOMENCLATURE

- Top swivel for attaching the device
   Webbing retractor with brake inside plastic cover
- 3. Working webbing 18mm
- Energy absorber
- 5. Snap hook with swivel function (fall indicator as an option)

### III. MEANING OF THE MARKING

- 1. Type of the device
- Reference number of the device
- Number of the manufacturing series
   Month/year of the device manufacture
- Marking of the manufacturer or distributor
   European standards (number/year)
- 7. CE marking with identity number of the notified body controlling manufacturing of the equipment 8. Month and year of the manufacturer's next inspection
- Inspect the device before each use
   Before use read the manual
- 11. Check locking before each use 12. Range of operating temperatures

- 13. Maximum working load 14. Store the device in a protected place
- Tested with 'fall factor 2' according to recomendation CNB/11.065 also approved for use at foot level (FF2)
   Use only a full body harness conformed to EN 361
- 17. Don't realese rapidly unwinded webbing
- 18. Don't repair the device yourself
- 19. Don't use the device with damaged webbing

### IV. CONNECTING THE FALL ARRESTER TO STRUCTURAL ANCHOR POINT

# PRE-USE INSPECTION

Before each use, a person who is going to use the fall arrester, shall make a close visual examination of the retractor's elements: cover, snap hook, handle, working cable or webbing (entire length), must be carried out in respect of mechanical, chemical and thermal defects. The user has to check the retractor functioning by

dynamic pulling the working cable/webbing.

The cable/webbing should block and stops pulling out. After releasing the cable/webbing, the retractor should pull in the cable/webbing. The examination must be carried out by the user of the device. In the case of any

pull in the canelweboling. The examination must be carried out by the user of the device, in the case of any defect of doubt of correct condition of the fall arrester, do not use it. During use the fall arrester should be protected from a contact with oils, acids, solvents, basics, open fire, hot metal drops and sharp edges. During working on the lattice constructions we should avoid interleaving the working webbigbetween the individual construction elements. We should avoid using the device in the dust laden and greasy environment.

Using the fall arrest, in connection with fall arrest system, must be compatible with manual instructions of the

and obligatory standards:

- EN795 - for anchorages - EN361 - for the safety harness

- EN362 - for the connectors

The fall arrester must be connected to structural anchor point using a connector [A] or sling [B] complying with EN362 or EN795 standards. It is forbidden to use the webbing of the device as the loop [C].

Structural anchorage point should have static resistance min. 12kN.

The shape of the structural anchorage point should not let selfacting disconnection of the device. Safety connector or fastening elements has to be protected from lateral and bending forces. It is recommended to use certified and marked structural anchorage point complied with EN 795.

### V. STRUCTURAL ANCHOR POINT REQUIRMENTS.

When the device is installed in the vertical line above the user the minimal clearence distance below working level when the device is installed in eventual line above the total he minimal relations distance below working lever shall be 1,5 m. When work cable of the retractable type fall arrester is deflected from the vertical line, a pendulum effecting occur. To avoid a related risk, pay attention that the device work line deflection from the vertical. When the device is installed at the footlevel (CNB/11,085) the minimal clearence distance should be calculated as: CL=L+B+h+s (see ilustration [D]) where:

CL- clearance distansce

L- max. length of the device 2m

B- max, braking distance 1,75m h - height of the user

s - safe distance ~1m

VI. CONNECTING THE FALLARRESTER TO FULL BODY HARNESS - the device must be connected only to frontal or dorsal attachment point of full body

harness. Full body harness must conform to EN 361.

- always protect the gate of the snap hook against accidental opening with locking gear.

### VII, PERIODIC INSPECTIONS

VII. PERIODIC INSPECTIONS.

The device must be inspected at least once every 12 months from the date of first use. Periodic inspections must only be carried out by a competent person who has the knowledge and training required for personal protective equipment periodic inspections. Depending upon the type and environment of work, inspections may be needed to be carried out more frequently than once every 12 months. Every periodic inspection must be recorded in the Identity Card of the equipment.

### VIII, MAXIMUM LIFESPAN OF THE EQUIPMENT

Retractable type fall arrester can be used without time limit on condition periodic inspections are carried out timely

Retractable type fall arrester must be withdrawn from use immediately, if there are any doubts in regard of its correct condition and function. The device must not be used until the equipment manufacturer or his authorized representative carries out a detailed inspection and gives his written consent to use the equipment again.

Retractable type fall arrester must be withdrawn from use immediately and sent to the manufacturer or his authorized representative to carry out a detailed inspection, if it has been used to arrest a fall. Any repair or service works can performed only by the device manufacturer or his authorized representative.

### X. THE ESSENTIAL PRINCIPLES FOR USERS OF PERSONAL PROTECTIVE EQUIPMENT AGAINST FALLS FROM A HEIGHT:

- personal protective equipment shall only be used by a person trained and competent in its safe use, personal protective equipment must not be used by a person with medical condition that could affect the
- safety of the equipment user in normal and emergency use.

- a rescue plan shall be in place to deal with any emergencies that could arise during the work.
- being suspended in PPE (e.g. arresting a fall), beware of suspension trauma symptoms.
- to avoid symptoms of suspension trauma, be sure that the proper rescue plan is ready for use. It is recommended to use foot straps.
- it is forbidden to make any alterations or additions to the equipment without the manufacturer's prior written consent.
- any repair shall only be carried out by equipment manufacturer or his certified representative, personal protective equipment shall not be used outside its limitations, or for any purpose other than that for which it is intended
- personal protective equipment should be a personal issue item.

 before use ensure about the compatibility of items of equipment assembled into a fall arrest system.
 Periodically check connecting and adjusting of the equipment components to avoid accidental loosening or disconnecting of the components

- it is forbidden to use combinations of items of equipment in which the safe function of any one item is
- affected by or interferes with the safe function of another.

   before each use of personal protective equipment it is obligatory to carry out a pre-use check of the
- equipment, to ensure that it is in a serviceable condition and operates correctly before it is used.

  during pre-use check it is necessary to inspect all elements of the equipment in respect of any damages,

- during pre-use check it is necessary to inspect all elements of the equipment in respect of any damages, excessive wear, corrosion, abrasion, cutting or incorrect acting, especially take into consideration:

   in full body harnesses and belts buckles, adjusting elements, attaching points, webbings, seams, loops;
   in energy absorbers attaching loops, webbing, seams, casing, connectors;
   in textile lanyards or lifelines or guidelines rope, loops, thimbles, connectors, adjusting element, splices;
   in steel lanyards or lifelines or guidelines cable, wires, clips, ferrules, loops, thimbles, connectors,

   adjusting elements:
- in retractable fall arresters cable or webbing, retractor and brake proper acting, casing, energy absorber, connector:
- in guided type fall arresters body of the fall arrester, sliding function, locking gear acting, rivets and screws, connector, energy absorber;
  in metalic components (connectors, hooks, anchors) - main body, rivets, gate, locking gear acting.
- after every 12 months of utilization, personal protective equipment must be withdrawn from use to carry
  out periodical detailed inspection. The periodic inspection must be carried out by a competent person for periodic inspection. The periodic inspection can be carried out also by the manufacturer or his authorized
- in case of some types of the complex equipment e.g. some types of retractable fall arresters the annual
  inspection can be carried out only by the manufacturer or his authorized representative.
- regular periodic inspections are the essential for equipment maintenance and the safety of the users
  which depends upon the continued efficiency and durability of the equipment.
- during periodic inspection it is necessary to check the legibility of the equipment marking. Don't use the
  equipment with the illegible marking.
- It is essential for the safety of the user that if the product is re-sold outside the original country of destination the reseller shall provide instructions for use, for maintenance, for periodic examination and for
- repair in language of the country in which the product is to be used.

  personal protective equipment must be withdrawn from use immediately when any doubt arise about its condition for safe use and not used again until confirmed in writing by equipment manufacturer or his representative after carried out the detailed inspection.
- personal protective equipment must be withdrawn from use immediately and destroyed (or another procedures shall be introduced according detailed instruction from equipment manual) when it have been used
- a full body harness (conforming to EN 361) is the only acceptable body holding device that can be used.
- in full body harness use only attachment points marked with a capital fetter "A" to attach a fall arrest
- the anchor device or anchor point for the fall arrest system should always be positioned, and the work carried out in such a way, as to minimise both the potential for falls and potential fall distance. The anchor device/point should be placed above the position of the user. The shape and construction of the anchor device/point shall not allowed to self-acting disconnection of the equipment, Minimal static strength of the anchor device/point is 12 kN, It is recommended to use certified and marked structural anchor point complied with EN795
- it is obligatory to verify the free space required beneath the user at the workplace before each occasion of use the fall arrest system, so that, in the case of a fall, there will be no collision with the ground or other obstacle in the fall path. The required value of the free space should be taken from instruction manual of used
- there are many hazards that may affect the performance of the equipment and corresponding safety precautions that have to be observed during equipment utilization, especially: trailing or looping of lanyards or lifelines over sharp edges, - any defects like culting, abrasion, corrosion, - climatic exposure, - pendulum falls, - extremes of temperature, - chemical reagents, - electrical conductivity.
- personal protective equipment must be transported in the package (e.g., bag made of moisture-proof textile or foil bag or cases made of steel or plastic) to protect it against damage or moisture.
- the equipment can be cleaned without causing adverse effect on the materials in the manufacture of the
  equipment. For textile products use mild detergents for delicate fabrics, wash by hand or in a machine and rinse in water. For energy absorbers use only a damp cloth to wipe away dirt. It's forbidden to immerse energy absorbers into the water. Plastic parts can be cleaned only with water. When the equipment becomes wet, either from being in use or when due cleaning, it shall be allowed to dry naturally, and shall be kept away from direct heat. In metallic products some mechanic parts (spring, pin, hinge, etc.) can be regularly slightly lubricated to ensure better operation.
- personal protective equipment should be stored loosely packed, in a well-ventilated place, protected from direct light, ultraviolet degradation, damp environment, sharp edges, extreme temperatures and corrosive or aggressive substances.
- Using the harness in connection with personal protective equipment agains falls from a height must be compatible with manual instructions of this equipment and obligatory standards:
   EN353-1, EN353-2, EN355, EN354, EN360 for the fall arrest systems;

  - EN362 for the connectors:
  - EN1496, EN341 for rescue devices;
  - EN795 for anchor devices

Notified body for EU type examination according to PPE Regulation 2016/425: PRS - No.1463, Polski Rejestr Statków S.A. al. gen. Józefa Hallera 126 80-416 Gdańsk, Poland

Natified body for control production: APAVE SUD EUROPE SAS (no 0082) - CS 60193 - F13322 MARSEILLE CEDEX 16 -

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# **IDENTITY CARD**

It is the responsibility of the user organisation to provide the identity card and to fill in the details required. The identity card should be filled in before the first use by a competent person, responsible in the user organization for protective equipment. Any information about the equipment like periodic inspections, repairs, reasons of equipment's withdrawal from use shall be noted into the identity card by a competent person in the user organization. The identity card should be stored during a whole period of equipment utilization. Do not use the equipment without the identity card.

PERIODIC INSPECTION AND REPAIR HISTORY CARD						
DATE OF INSPECTION	REASON FOR INSPECTION OR REPAIR	DEFECTS, CONDITION NOTED REPAIRS CARRIED OUT	NAME AND SIGNATURE OF COMPETENT PERSON	NEXT INSPECTION DATE		
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