#### SERVICE LIFE

There is no set permissible service life for the retractable type fall arrester, provided that periodic inspections are carried out on time.

Retractable type fall arresters must be taken out of service after every 12 months of use and subjected to a thorough factory periodic inspection. Only the manufacturer or its authorised representative may inspect the equipment. During the periodic inspection, the period of use of the device will be determined until the next periodic inspection. All periodic inspection information must be recorded in the operation

#### 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.

Manufacturer: PROTEKT 93-403 ł ÓDŹ Starorudzka 9 POLSKA www.protekt.com.pl

Notified body of the EU type testing certificate issuer per Regulation (UE) 2016/425: EU-Cert - No. 2984, EU-Cert Sp. z o. o., ul. Karola Szymanowskiego 12/U6, 80-280 Gdańsk, Poland

Production control notified body:

Apave Exploitation France SAS (n°0082) - 6 Rue du Général Audran - 92412 COURREVOIE cedex -

ODED	<b>ATION</b>	SHEET

The facility where the equipment in question is used is responsible for the entries in the maintenance record. The operation sheet should be completed before the equipment is first put in use. All information concerning the protective equipment (name, serial number, date of purchase and putting into use, name of the user) must be included in the equipment's operation sheet by the person responsible at the workplace for the protective equipment. Information on factory periodic inspections is provided by the manufacturer of the equipment or its authorised representative. Do not use personal protective equipment that does not have a completed operation sheet.

DEVICE NAME MODEL		
SERIAL NUMBER	DATE OF MANUFACTURE	
REF. NO.	DATE OF PURCHASE	
USER NAME	DATE OF PUTTING INTO USE	

TECHNICAL INSPECTIONS					
INSPECTIO N DATE	REASONS FOR INSPECTION OR REPAIR	DAMAGES NOTED, REPAIRS CARRIED OUT, OTHER REMARKS	SIGNATURE OF THE RESPONSIBLE PERSON	DATE OF NEXT INSPECTION	
_					

## **User Manual**

Read the instructions for use carefully hefore use

# RETRACTABLE TYPE CR260HV

**€** 0082 EN 360:2002

FALL ARRESTER

The CR260HV retractable type fall arrester is a piece of personal protective equipment against falls from a height complying with EN

The CR260HV retractable type fall arrester provides fall protection for one user.

The permissible user weight is 120 kg

Working rope lengths available:

- CR260HV 06 6 metres
- CR260HV 08 8 metres - CR260HV 11 - 11 metres

#### DEVICE MARKING:



+509

-30°

Before each use, check the function of the locking mechanism

temperature

range in which

the device can

Store indoors, protect

aggressive substances

from direct sunlight

moisture and other

be used



MAX

permissible weight of the user

5 mm

permissible

deviation of

the working

rope from the

vertical line



use only full body harnesses according to EN 361

do not let go

off the

suddenly

pulled out rope



read the instructions before use



before each use, visually inspect the equipment



do not use the device with a damaged webbing



attach the device to the structural anchor point using

device



Snap hook with

swivel (choice of

alternative snap

hooks with

optional fall

indicator)

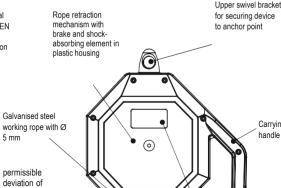
do not attach the device to a structural anchor point with a carryin handle

2019

2020



Equipment approved for horizontal operation



Equipment feature

Carrying

handla

RETRACTABLE TYPE FALL RFF CR260HV

Rope length: ... m Serial number: 00000000 Date of manufacture: mm/vvvv

European standard number

EN 360:2002

CE marking and the registration number of the notified body responsible for the device production process control

Designation of the manufacturer or distributor



Month and year of the next factory inspection. Do not use the device Note: Before the first use, mark the

date of the factory inspection (date of first use +12 months, e.g. first use 01.2019 - mark inspection



#### 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, snap hook, handle, working rope or webbing (along its entire length) for mechanical, chemical and thermal damage. Test the lanyard winding and retarding gear by vigorously pulling the work rope/webbing to unwind. The rope/webbing should lock and stop extending any further. When the rope/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 arrestor.

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/sputter and sharp-edged objects. When working on lattice structures, it is important to avoid interlacing the working rope/webbing between different parts of the structure. Avoid using the fall arrester in very dusty or oily environments.

The use of a retractable type fall arrester as part of a fall protection system must comply with the guidelines in the instructions for the individual system components and with the applicable standards:

EN 361 - for full body harnesses:

FN 362 - for connectors:

FN 795 - for structural anchor points

## 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 the snap hook [A] or hitch [B] complying with EN 362 or EN 795. It is not permitted to attach the device through the handle used to carry the device [C].

The structural anchor point should be above the user and have a static strength of min. 12 kN. The shape and design of the permanent structure's anchor point shall prevent the fall arrestor from detaching or sliding off on its own. It is recommended to use EN 795 certified and marked structural anchor points.

### REQUIREMENTS FOR STRUCTURAL ANCHOR POINTS

The structural anchor point to which the retractable type fall arrester is attached should be above the user. If the retractable type fall arrester is fixed in a vertical line above the user, the minimum required clearance under the workplace (level) must be 15 m

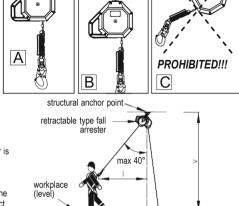
When the retractable type fall arrester working rope is deflected from the vertical line, a pendulum effect can occur. To avoid the risk of this effect, care should be taken to ensure that the deviation of the working line of the unit from the vertical never exceeds 40°. In this case, the user can move horizontally for a distance "I" of no more than 1/2 "v". Then the minimum required free space under the workstation (level) must be 1.5 m + distance "I".

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

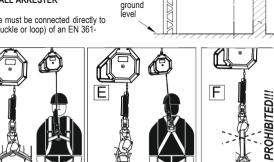
! The snap hook of the device's working rope must be connected directly to the front [D] or rear [E] attachment point (buckle or loop) of an EN 361compliant full body harness.

working line of the device by means of an additional element between the snap hook of the rope and the harness attachment point [F].

! Always secure the snap hook latch with the locking mechanism!



pendulum



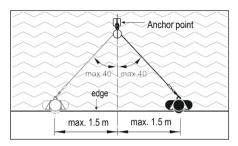
#### USE OF A RETRACTABLE TYPE FALL ARREST DEVICE WHEN WORKING ON THE ROOF

Retractable type fall arresters are permitted for use horizontally and for protection against falls through edges, as indicated by a special marking – see pictogram.

These devices have been successfully tested in accordance with PPE-R/11.060. The device can be used in areas with all kinds of edges where the edge radius is >0.5 mm. Examples of edge materials are: rolled steel profiles, as well as other metal structures, wooden beams or planks, roof cornices and similar concrete edges (it is advisable to blunt concrete edges with, for example, a steel profile). However, for edges that pose a high risk of cutting the rope or which have burrs, an appropriate risk assessment should be performed, additional edge protection should be provided or the manufacturer should be contacted.

When operating horizontally, the unit must be installed at or above edge level. The angle of deflection of the rope at the edge when stopping a fall must be at least 90°. The minimum required clearance under the working level in the event of a fall over the edge must be 2.5 m + distance "1" + 1 m as a safety distance. 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 (see fig. 6). Otherwise, an anchoring device complying with EN795 Type D must be used instead of a fixed anchor point. The CR260HV device has not been tested with type C anchor devices.

NOTE: After a fall over the edge, there is a risk of injury due to impact with building or structural elements. Special rescue procedures for falls over the edge should be prepared and practised.



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## BASIC RULES ON THE USE OF PERSONAL PROTECTIVE FOUIPMENT

- PPE should only be used by persons trained in its use.
- personal protective equipment should not be used by individuals with any health condition that may affect their safety during regular use or in an
  emergency.
- · A rescue plan should be drawn up for use if necessary
- It is forbidden to make any modifications to the equipment without the manufacturer's written consent.
- Any repair of the equipment may only be carried out by the manufacturer of the equipment or by his authorised representative
- personal protective equipment must not be used other than for its intended purpose.
- PPF is a type of personal equipment and should be used by one person only
- Before using the fall arrester, verify that all components of the gear which forms the fall arrest system interact correctly. Periodically inspect the joints and fitting
  of personal protective equipment to avoid accidental release or detachment
- do not use PPE kits in which the performance of any component is inhibited by performance of any other component.
- all parts of the belay system must comply with the relevant regulations and instructions for use of the equipment and the applicable standards:
- EN 361 safety harness
- EN 353-1, EN 353-2, EN 354, EN 355, EN 360, EN 362 belay systems
- EN 795 equipment anchor points (fixed anchor points)
- EN 358 work positioning lanvards
- Before each use of personal protective equipment, it should be thoroughly inspected to check its condition and correct functioning, user should carry out the visual inspection of the equipment.
- during the visual inspection, verify all components of personal protective equipment with particular attention to all evidence of damage, excessive wear, corrosion, abrasion, cuts, or malfunctions. Particular attention should be paid to individual devices:
- full body harnesses and work positioning belts: buckles, adjusting devices, attachment points (snap hooks), slings, seams, loops;
- energy absorbers: attachment loops, slings, seams, casing, connectors;
- textile cables and guides: cords, thimbles, connectors, adjusting devices, brackets;
- steel cables and guides: cords, wires, clamps, loops, thimbles, connectors, adjusting devices;
- retractable belay systems; cables or slings, correct operation of retraction mechanism and locking mechanism, body, battery, connectors;
- rail ladders; body and correct movement on the rail, locking action, rollers, bolts and rivets, connectors, energy absorber;
- connectors (snap hooks): carrying body, riveting, main striker, operation of the locking mechanism.
- personal protective equipment must be taken out of service for detailed inspection at least once a year (after 12 months of use). The periodic inspection is carried out by a competent, knowledgeable and educated person responsible for the periodic inspection of the protective equipment at the workplace. Periodic inspections are also carried out by the equipment manufacturer or its authorised representative. Such an inspection includes checking all components of the equipment, paying particular attention to any damage, excessive wear, corrosion, abrasion, cuts and malfunctions (see previous section).
- If the PPE has a complex and sophisticated design like retractable type fall arresters, periodic inspections shall only be done out by the manufacturer or its authorised representative. Following the periodic inspection, the next periodic inspection date shall be identified.
- Regular periodic inspections are critical to the condition of personal protective equipment and the safety of its user, which depends on uncompromised performance and durability of personal protective equipment.
- During the periodic inspection, check the legibility of all personal protective equipment markings and labels (which apply to the PPE unit in question).
- All information relating to the personal protective equipment (name, serial number, date of purchase and entry into service, user name, repair and maintenance information and decommissioning information) must be included in the equipment usage record. The facility where the equipment in question is used is responsible for the entries in the operation sheet. The record is filled in by the person responsible at the workplace for protective equipment. Do not use equipment that does not have a properly completed operation sheet.
- If personal protective equipment is sold outside its country of origin, the personal protective equipment supplier shall provide it with the instructions for use and maintenance and the procedures of periodic inspection and repair in the official language of the country in which the personal protective equipment will be used.
- personal protective equipment must be taken out of service immediately if there is any doubt as to the condition of the equipment or its proper functioning.
   Re-entry of the equipment into service may take place after the manufacturer has carried out a detailed inspection of the equipment and has given its written consent to its re-use
- · If the personal protective equipment has been used to arrest a fall, it must be withdrawn from service and permanently destroyed.
- The only approved protective device, in fall protection equipment designed to be worn on the body, is an PN-EN 361 compliant full body harness.
- · The fall protection system can be attached to the harness attachment points (buckles, loops) marked with a capital "A".
- The anchor points of personal protective equipment against falls from a height shall be of a stable construction and in a location which minimises the risk of fall and the length of free fall. The equipment anchor point should be above the user's workstation. The anchor point shape and design shall ensure that equipment is permanently connected and cannot accidentally detach. Operation of certified and marked equipment anchor points that comply with EN 795 is recommended.