TIME OF USAGE
Retractable type fall arrester can be used without time limit on condition periodic inspections are carried out timely. Textile elements of the device (webbing and energy absorber) should be replaced after 10 years from the date of manufacture, regardless of their wear.

PERIODIC INSPECTIONS
After each 12 months of usage the retractable type fall arrester should be withdrawn from use and subject to a detailed periodic inspection. The device can be subject to inspection only by the manufacturer or his authorized representative. During periodic inspection period of use of the device date of the next inspection should be arranged. All information regarding the periodic inspection must be recorded in the Identity Card.

WITHDRAWAL FROM USE
Retractable type fall arrester must be withdrawn from use immediately, if there are any doubts in regard of its correct condition and function.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 Retractable type fall arrester must be withdrawn from use immediately and sent to the manufacturer or his authorized representative to carry out a detailed inspection, if it has been used to arrest a fall.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 be performed only by the manufacturer of the device or his authorized representative.

Notified body responsible for controlling the device production phase:
APAVE SUDEUROPE SAS
8 rue Jean-Jacques Vernazza – ZAC. Saumaty-Séon – BP 19313322 MARSEILLE CEDEX 16 FRANCE - No. 0082

Notified body responsible for EU type test certification in accordance with Regulation 2016/425:
PRS - No.1463, Polski Rejestr Statków S.A. al. gen. Józefa Hallera 126 80-416 Gdańsk, Poland,
Tel.: (+48) 58 75 11 301, Fax: (+48) 58 34 60 392, E-mail: mailbox@prs.pl, http://www.prs.pl/

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 inthe 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.

MODEL AND TYPE OF EQUIPMENT	
SERIAL/BATCH NUMBER	
DATE OF PURCHASE	
DATE OF MANUFACURE	
LOCATION OF INSTALLATION:	
USER NAME	

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

ed-1/09.10.2020

PROTEKT, 93-403 ŁÓDŹ, Starorudzka 9, POLSKA, www.protekt.com.pl

Instruction Manual

Carefully read the manual before use

PROTEKT®

CE 0082 EN 360:2002

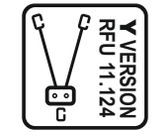
RETRACTABLE TYPE FALL ARRESTER DWR040S

RETRACTABLE TYPE FALL ARRESTER
Retractable type fall arrester is a component of personal fall protection equipment compliant with EN 360:2002.
Retractable type fall arrester provides protection for one user.
Permissible weight of user is 140 kg. The device is available in one length of 2 metres.
Device with snap-hook equipped with swivel shackle

MARKING ON DEVICE AND MAIN PARTS OF DEVICE: :
A1. Reference number
A2. Individual serial number of device
A3. Date of manufacture of device
B1. Label with marking of manufacturer (or distributor)
C1. Snap-hook compliant with EN 362.
C2. Energy absorber with loop to connect to dorsal attachment point on full body harness
C3. Upper swivel shackle
C4. Webbing retractor and webbing locking gear
C5. Strengthened webbing with 18mm in width, made of technora and polyester
C6. Snap-hooks to connect to anchor point

MARKING ON IDENTITY LABEL OF DEVICE:

before each use check function of the locking gear



device tested in accordance with 11.124 recommendation for devices with dual webbing

range of device usage temperatures

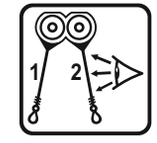
permissible weight of user


store in rooms, protect from direct sunlight, moisture and other aggressive substances

use full body harness compliant with EN 361 only


read the manual before use


do not release the cable suddenly when extended



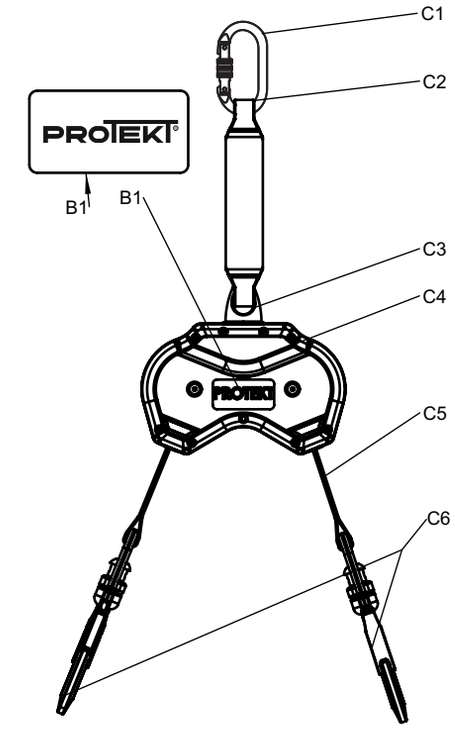
inspect the device before each use


do not repair the device on your own

do not use the device with damaged cable

device tested in accordance with VG 11.085 recommendation, approved for use also on foot level (FF2)

Reference number: DWR040S — A1
Serial number: 00000000 — A2
Date of manufacture: MM YYYY — A3



Number of European standard
EN 360:2002

CE mark and number of the notified body controlling production of the equipment
CE 0082

Month and year of next manufacturer's inspection. Do not use the device after this date.
Note: Before first use mark the date of the manufacturer's inspection (date of first use + 12 months, e.g. first use 01.2019 – mark inspection 01.2020)

INSPECTION BEFORE USE

Before each use of the device the user must carry out a detailed inspection of components of the device: housing, snap hook, holder, work cable or webbing (over the whole length) for mechanical, chemical and thermal damages. It is necessary to check operation of retracting and braking gear by dynamically pulling the work cable/ webbing. The cable/ webbing should be locked and stop extending any further. After the cable/ webbing is released, it should be easily folded (retracted) by the device. Inspections and checks should be carried out by the user of the device. If there are any defects or doubts in regard of the correct condition and function of the device, it should be withdrawn from use immediately.

During usage protect all parts of the device from contact with oils, solvents, acids and alkali, open flame, molten metal spatters and objects with sharp edges. During operation on truss structures avoid interweaving the work cable/webbing between individual parts of the structure. Avoid usage of the device in dusty and oily environments. Use of retractable type fall arrester as a part of a fall protection system must be in accordance with instructions for individual parts of the system and standards in force:

- EN 361 - Full body harness;
- EN 362 - Connectors;
- EN 795 - Anchor devices (anchor points).

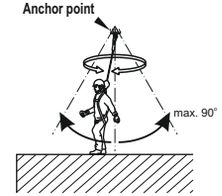
CONNECTING RETRACTABLE TYPE FALL ARRESTER TO STRUCTURAL ANCHOR POINT

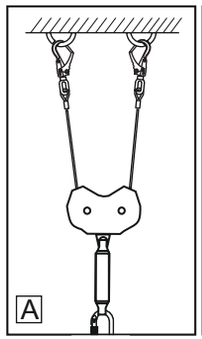
The device must be connected to a structural anchor point only using snap-hook [A] sewn in one of webbings the device or attachment point compliant with EN 795 [B].

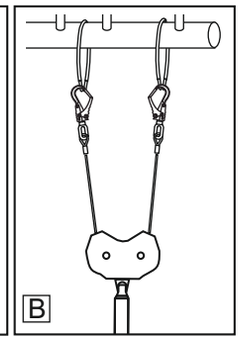
It is forbidden to attach the device by using working webbing of the device [C]. Static strength of a structural anchor point should be min. 12 kN.

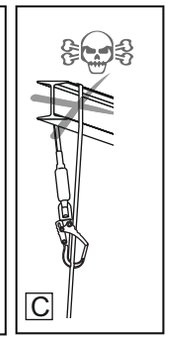
Shape and construction of a structural anchor point must prevent self-acting disconnection or slipping of the device. It is recommended to use marked and certified structural anchor points compliant with EN 795.

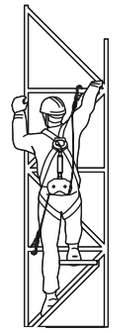
When using on steel structures it is recommended that anchor points are located above hips.

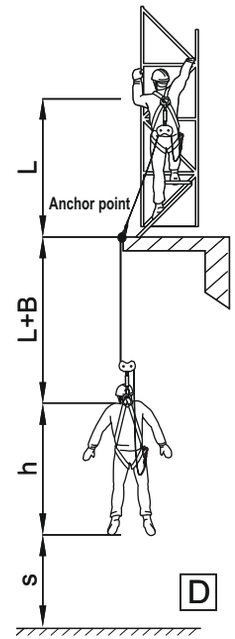












REQUIREMENTS FOR STRUCTURAL ANCHOR POINTS

If retractable type fall arrester is attached vertically above the user, minimum required free space below the work station (level) must be 2m for user with a weight of up to 100kg and 2.4m for user with a weight of 100-140kg. When work cable of the retractable type fall arrester is deflected from the vertical line, a pendulum effect may occur - always try to minimize the distance off the device in the horizontal. If retractable type fall arrester is installed on foot level [CNB/11.085] a minimum free space below the user should be calculated from the following formula: CL=L+B+h+s (see figure [D])
where:

CL - free space; L - maximum length of device (2m); B - maximum braking distance (1.75m); h - user's height; s - safe distance ~1m

CONNECTING RETRACTABLE TYPE FALL ARRESTER TO FULL BODY HARNESS

- the device should be connected only to dorsal attachment point on full body harness using a snap-hook compliant with EN 362. Full body harness should be compliant with requirements of EN 361;
- free snap-hook of the device should be attached to the tool attachment, attaching free snap-hook of the device to attachment points on full body harness is forbidden and can cause injuries after the structure is caught during a fall;
- when using the device pay particular attention to guidance of webbings of the device towards anchor points to minimize a risk of head or neck injury.

ESSENTIAL PRINCIPLES OF USING PERSONAL FALL PROTECTION EQUIPMENT

- personal fall protection equipment should be used only by personnel trained in this respect.
- personal fall protection equipment must not be used by personnel whose medical condition could affect their safety in daily and emergency use.
- it is required to prepare a rescue action plan to be used if necessary.
- 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 manufacturer of the equipment or his authorized representative.
- personal fall protection equipment shall not be used for any purpose other than intended.
- personal fall protection equipment provides individual protection and shall be used by one person only.
- before each use make sure that all parts of fall protection system cooperate correctly. Periodically examine connections and fitting of components of the equipment to prevent any accidental loosening or disconnection.
- it is forbidden to use a combination of equipment where function of any one item is affected by, or interferes with the function of any other.
- all parts of the anchorage system must conform to relevant regulations and instruction manuals for the equipment and standards in force:

- EN 361 – safety harness
- EN 353-1, EN 353-2, EN 354, EN 355, EN 360, EN 362 – anchorage systems
- EN 795 – equipment anchor points (structural anchor points)
- EN 358 – work positioning systems

- before each use of personal fall protection equipment, make sure to carry out a pre-use check to ensure that it is in a serviceable condition and operates correctly. The check should be carried out by the user.
- in particular, inspect all accessible elements of the equipment for any damages, excessive wear, corrosion, abrasion, cutting or improper function. Pay special attention to particular devices:

- full body harness and work positioning devices: buckles, regulating elements, attachment points (snap hooks), slings, seams, loops;
- energy absorbers: attachment loops, slings, seams, housing, connectors;
- lanyards and textile guides: cables, thimbles, connectors, regulating parts, splices;
- lanyards and steel guides: cables, wires, clamps, loops, thimbles, connectors, regulating parts;
- retracting anchorage systems: cables or slings, retractor and locking gear for proper operation, body, energy absorber, connectors;
- rail ladders: body and correct travel on the rail, operation of the lock, rollers, bolts and rivets, connectors, energy absorber;
- connectors (snap hooks): load-bearing body, riveting, main attachment point, function of locking gear.

- personal fall protection equipment should be withdrawn from use to carry out a detailed inspection at least once a year (after 12 months of use). Periodic inspection is carried out by a competent person having adequate knowledge and properly trained in this respect, who is responsible for periodic inspections in the organisation. Periodic inspections also are carried out by manufacturer of the equipment or his authorized representative. Such inspection involves checking of all parts of the equipment, and in particular all accessible elements of the equipment for any damages, excessive wear, corrosion, abrasion, cutting or improper function (refer to the above point).
- If the fall protection equipment has a complex design (e.g. fall arresters), periodic inspections may be carried out by manufacturer of the equipment, or his authorized representative only. After the periodic inspection, date of the next inspection should be defined.
- regular periodic inspections are essential due to the condition of the equipment and safety of users which is dependent on full functionality and durability of the equipment.
- during periodic inspection it is necessary to check the legibility of all markings on the equipment (identity label of the device).
- all information on fall protection equipment (name, serial no., date of purchase and date of first use, name of user, information on repairs and inspections and withdrawal from use) must be provided in the identity card of the device. It is responsibility of user's organisation to provide the Identity card and to fill in the required details. The Identity card should be filled in by a person in charge of fall protection equipment in user's organisation. It is forbidden to use the equipment if the identity card is not filled in correctly.
- if the equipment is re-sold outside the original country of destination the reseller must provide instructions for use, for maintenance i for periodic inspection and for repair in language of the country where the product is to be used.
- personal fall protection equipment must be withdrawn from use immediately if any doubts arise in regard of its condition, or proper operation. The device must not be used until the equipment manufacturer carries out a detailed inspection of the equipment and gives his written consent to use the equipment again.
- personal fall protection equipment must be withdrawn from use immediately and destroyed if it has been used to arrest a fall.
- the only acceptable protective device in fall protection equipment, worn over the body, is full body harness compliant with EN 361.
- in full body harness use only attachment points (buckles, loops) marked with capital letter “A” to attach a fall protection system.
- anchor points (of devices) of the fall protection equipment should have a stable structure and position so as to prevent a possibility of the load fall and minimize a free fall distance. Anchor point of the equipment should be located above the user's work station. The shape and construction of the anchor point shall not allow for a self-acting disconnection of the equipment. It is recommended to use certified and marked anchor points of the equipment compliant with EN 795.