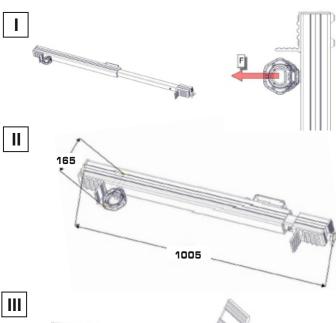


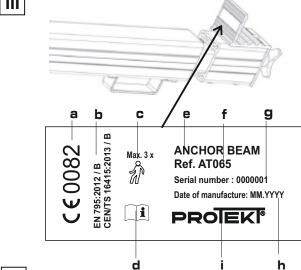
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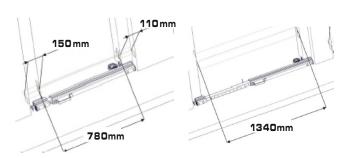
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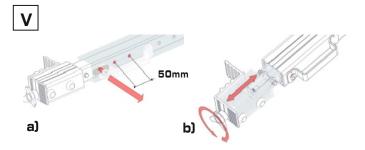
EN 795:2012 / B CEN/TS 16415:2013 / B

EN ANCHOR BEAM FOR DOOR AND WINDOW OPENINGS









EN - NOTE: Before use of this device please read and understand this instruction manual.

I. DESCRIPTION

Anchor beam is an anchor device compliant with EN 795 Type B and can be used for protection of 3 users at the same time. Anchor beam can be used only as personal protective equipment to protect user against a fall from a height, and cannot be used for lifting loads. The device is made of aluminium alloy. According to

EN 795:2012 Type B static strength of this anchor point is min. 14 kN towards direction of force (F). The device can be used for protection of three users at the same time. Maximum load that could be transmitted in service from the device to a permanent structure - 9 kN. This is the actual force which the anchor point transfers onto the structure to which it is attached when a fall occurs. If the device is used as a part of a fall arrest system, the user must be equipped with an element limiting maximum dynamic forces applied on user while arresting a fall to max. 6 kN.

II. OVERALL DIMENSIONS OF ANCHOR POINT

III MARKING

- $a.\,CE\,mark\,and\,number\,of\,the\,notified\,body\,controlling\,production\,of\,the\,equipment$
- $b.\,Number\,of\,European\,stand ard$
- c. Maximum number of users
- d. Read the manual before use
- e. Device type
- f. Reference number
- g. Serial number of device
- h. Date of manufacture
- i. Mark of device's manufacturer or distributor

Location of marking - arrow (Fig. III)

IV. INSTALLATION OF ANCHOR POINT

- Before installation the device should be stored in a clean place, free from vapours of aggressive substances and in conditions preventing any mechanical damages. It is necessary to take into account environmental conditions in the place of installation which may cause corrosion of the anchor point and
- Installation of anchor point must be carried out by a properly qualified and skilled person familiarized with the instruction manual
- Follow general rules for use of personal fall protection equipment in accordance with EN 795:2012.

INSTALLATION ON DOOR AND WINDOW OPENINGS

 $Anchor beam \, has \, a \, range \, of \, installation \, on \, door \, or \, window \, opening. \, Work \, range \, of \, the \, beam \, is \, 780-1340$ mm. The beam allows for rough length adjustment and fine length adjustment. Work range of device - Fig. IV.

VI. BEAMADJUSTMENT

a) Rough length adjustment

Insert the beam into door or window opening by pulling away lock in the handle and setting clamps of the beam as close to the edge of the opening as possible. Rough length adjustment allows for stepped setting of beam inner profile in 50 mm increments.

b) Fine length adjustment

Once the beam is properly set in the opening, turn the knob by moving the clamp to push on door or window opening walls until further motion is not possible. If the beam cannot be fixed in the opening and no adjustment range is available, tighten the knob completely and replace the lock in hole for rough length adjustment and repeat the adjustment.

VI. PERIODIC INSPECTIONS

The device should be subject to a periodic inspection after at least each 12 months of usage, starting from date of the first use. Periodic inspection can be carried out only by a competent person with adequate knowledge and trained in periodic inspection of personal fall protection equipment. Conditions of the device use may influence the frequency of periodic inspections which may be carried out more frequently than after 12 months of usage. All periodic inspections must be recorded in the identity card for the device. It is recommended to mark the device with next periodic inspection date, e.g. by using special "Next inspection" label

VII TIME OF USAGE

The device can be used without time limit provided periodic inspections are carried out timely.

VIII. WITHDRAWAL FROM USE

The device must be withdrawn from use immediately, if there are any doubts in regard of its proper condition and correct 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. The device 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.

IX. ESSENTIAL PRINCIPLES FOR USE OF PERSONAL FALL PROTECTION EQUIPMENT

personal fall protection equipment should be used only by personnel trained in its use.

personal fall protection 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.

develop a rescue plan to be implemented during operation whenever necessary

being suspended in personal fall protection equipment (e.g. after arresting a fall) please note symptoms of suspension to avoid negative effects of suspension make sure a corresponding rescue action plan is prepared. It is

recommended to use support tapes. it is forbidden to make any alterations or additions to the equipment without prior written consent given by

any repair shall only be carried out by manufacturer of the equipment or his certified 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

it is forbidden to use a combination of the equipment where function of any one item is affected by, or interferes with the function of any other.

before each use of personal fall protection equipment carry out a detailed inspection to ensure that the device is operable and operates correctly.

in particular, before use inspect all accessible elements of the equipment for any damages, excessive wear, corrosion, abrasion, cutting or improper function. For individual devices pay particular attention to: - in full body harnesses, sit harnesses and work positioning devices: buckles, regulating elements,

- attachment points (buckles), webbing, seams, belt loops;
- in energy absorbers: attachment loops, webbing, seams, housing, connectors;

- in lanyards and textile guides: rope, loops, thimbles, connectors, regulating parts, splices;
- in lanyards and steel guides: rope, wires, clamps, loops, thimbles, connectors, regulating parts;
- in retractable type fall arresters: lanyard or webbing, retractor and locking mechanism for proper operation, housing, energy absorber, connectors;
- in guided type fall arresters: body, proper guiding, locking mechanism for proper operation, rollers, bolts and rivets, connectors, energy absorber;
- in metal parts (connectors, hooks, snap hooks): load-bearing body, rivets, main pawl, function of locking gear.

at least once a year, after each 12 months of use, personal fall protection equipment must be withdrawn from use to carry out periodic detailed inspection. Periodic inspection may be carried out by a properly qualified and skilled person. Also, periodic inspection can be carried by manufacturer of the equipment or his authorized representative.

in some cases, if fall protection equipment has a complex design (e.g. fall arresters), periodic inspections can 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 in respect of the equipment condition and safety of users which is dependent on 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). Do not use the equipment if marking is illegible.

It is essential for the user's safety that the product is re-sold outside the original country of destination the reseller must provide instructions for use, for maintenance, 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 and discarded immediately (or other procedures based on instruction manual should be applied) if it has been used to arrest a fall.

full body harness compliant with EN 361 is the only device supporting user's body in fall arrest systems. fall arrest system can be connected to attachment points (buckles, loops) on full body harness marked with canital letter "A"

anchor point (device) 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. The equipment's anchor point 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. Minimum strength of anchor point of the equipment should be 12kN. It is recommended to use certified and marked anchor points of the equipment compliant with EN 795.

it is obligatory to verify the free space required under the user at workplace before each occasion of using the fall protection system, so that, in case of a fall, there is no collision with the ground or other obstacle in the fall path. The required free space should be determined on basis of the data given in the instruction manual of the equipment to be used.

When using the equipment, inspect it on a regular basis, paying special attention to risks and damages affecting operation of the equipment and the user's safety, and in particular to kinks and rope movement on sharp edges, oscillatory falls, electrical conductivity, any damages such as cuts, abrasions, corrosion, influence of extreme temperatures, negative influence of environmental factors, chemical substances.

personal fall protection equipment must be transported in a 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.

personal fall protection equipment should be cleaned without causing adverse effect on the materials used in the production of the equipment. For textile materials (webbings, ropes) use agents suitable for delicate fabrics. Can be washed in hands or in a washing machine. Rinse thoroughly. Clean energy absorbers using damp cloth only. Do not immerse energy absorber in water. Wash textile products with water only. When the equipment becomes wet, either from being in use or after cleaning, allow it to dry naturally, and keep it away from sources of heat. In metallic products lubricate slightly some mechanical parts (springs, hinges, pawls, etc.) regularly to ensure their better operation.

personal fall protection equipment should be stored loosely packed in well-ventilated rooms, protected from direct light, UV degradation, dust, sharp edges, extreme temperatures and aggressive chemical substances.

all parts of personal fall protection equipment must conform to instruction manuals for the equipment and standards in force:

- EN 353-1, EN 353-2, EN 354, EN 355, EN 360 for fall arrest systems;
- EN 362 for connectors
- EN341, EN1496, EN1497, EN1498 for rescue equipment
- EN 361 for full body harnesses;
- EN 813 for sit harnesses;
- EN 358 for work positioning systems;
- EN 795 for anchor devices

Manufacturer:

PROTEKT - Starorudzka 9 - 93-403 Łódź - Poland tel. +4842 6802083 - fax. +4842 6802093 - www.protekt.com.pl

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

Notified body responsible for supervision of manufacturing of the equipment: APAVE SUD EUROPE SAS (no 0082) - CS 60193 - F13322 MARSEILLE CEDEX 16 - France

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	
REFERENCE NUMBER	
DATE OF MANUFACTURE	
DATE OF PURCHASE	
DATE OF FIRST USE	
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	