

PARTICULAR USAGE RULES OF THE SKC-BLOCK SYSTEM

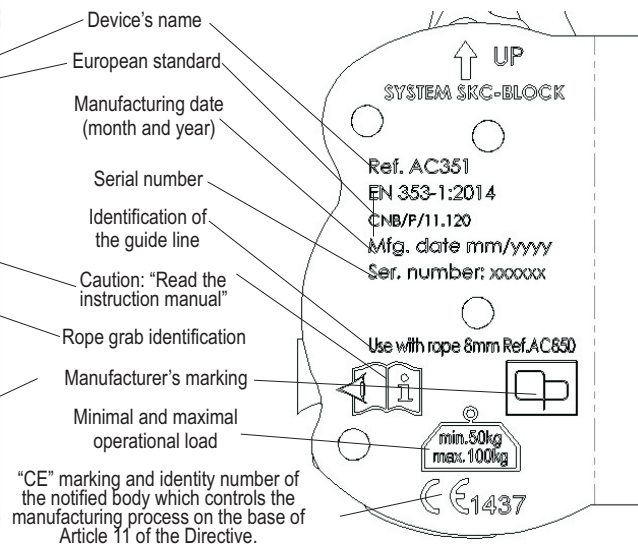
- 1 **IDENTITY CARD** - each permanently installed vertical guide and each AC351 rope grab should be associated with an Identity Card, completed by a competent person and stored for the entire lifetime of the guide system or a rope grab. The Identity Cards should be completely filled before putting the guide or the rope grab into operation.
- 2 **PERIODIC INSPECTIONS** - all the components of the system: rope grab, connectors, shock absorber rope tensioner, cable clips, should be periodically checked for mechanical, chemical or thermal defects and incorrect adjustment. Periodic inspection should be carried out at least every 12 months by a service authorised by the system manufacturer. The results of the inspection and potential repairs should be documented in individual Identity Card of the vertical guide or the rope grab.
- 3 **WITHDRAWAL FROM USE** - the vertical guide and the rope grab should be withdrawn from the use and be inspected by the service authorized by the manufacturer when were engaged in arresting a fall or any doubts relating to its technical condition or proper functioning arose. The result of the inspection and information about admission for further use should be recorded in respective Identity Card.
- 4 **OPERATING PERIOD** - the SKC-BLOCK operating period is unlimited provided that regular periodic inspections are performed. The AC351 rope grab's textile energy absorber should be replaced after 10 years from it's manufacturing date even it is in good condition.
- 5 **STORAGE** - the AC351 rope grab should be kept in a dry place, at room temperature, and protected from mechanical damage and from the effects of harsh chemicals. Before first use, the rope grab should be stored in the manufacturer's original packaging.
- 6 **CLEANING** - the components of the SKC-BLOCK system should be cleaned with water and cloth. Do not use any solvents and harsh chemicals. After cleaning, the AC351 rope grab should be dried away from sources of heat.
- 7 **REPAIRS** - any repairs or modifications performed on one's own are prohibited. All repairs and modifications must be performed by authorized service.
- 8 **TRANSPORT** - the components of the SKC-BLOCK system should be transported in suitable packaging to protect them from moisture and mechanical, chemical or thermal damage (e.g.: in bags made from plastic or impregnated fabric or in steel or plastic boxes).

MARKING

INFORMATIVE BOARD

Fall protection equipment	
VERTICAL FALL ARREST SYSTEM	
SKC - BLOCK	
EN353-1:2014 CNB/P/11.120	
ATTENTION! Before use read the instruction manual.	
Use only with AC351 guided type fall arrester.	
Don't use after fall or after next inspection date.	
Serial number:	Next inspection:
Installation date:	
Installer:	

MARKING OF THE ROPE GRAB



Instruction Manual



GUIDED TYPE FALL ARRESTER ON A RIGID ANCHORAGE LINE

SKC-BLOCK

CE 1437

EN 353-1:2014

CNB/P/11.120

DESCRIPTION

SKC-BLOCK vertical fall arrest system is designed to protect against falls from a height. It belongs to category of guided type fall arresters on a rigid guide, conform to the EN353-1:2014 standard.

The system consist of a permanently installed guide and a rope grab (slider) ref. AC351 which is an personal equipment of an user. The AC351 is installed on the vertical line by the user and next connected directly to the front anchor catch of a harness with the aid of the slider's connector. The system's vertical line may be inclined from vertical direction by an angle not exceeding 15°. The rope grab follows an user up and down slowly and in the case of falling (fast movement in down) it locks on the cable arresting the user's fall keeping arrest force below 6 kN. The device can be used in the temperature range from (-30)°C to 50°C.

The AC351 rope grab (slider) is made of stainless steel. Is equipped with textile energy absorber. The slider is provided with a feature which protect itself against improper installation direction on the line (upside - down position). The rope grab can be used only with the AC850 guide.

CERTIFICATION

The CE certificate was issued and supervision of production maintained by: CENTRALNY INSTYTUT OCHRONY PRACY, Czerniakowska 16, 00-701 Warsaw, Poland (Notified Body No. 1437)



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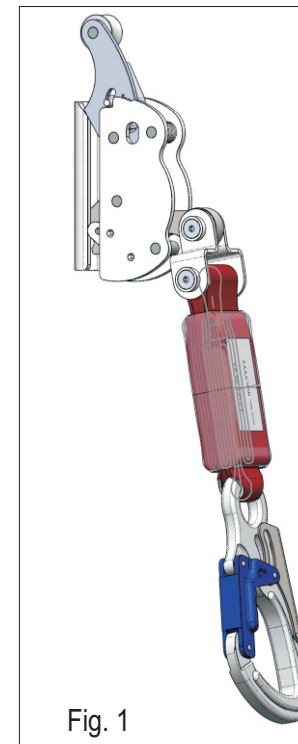
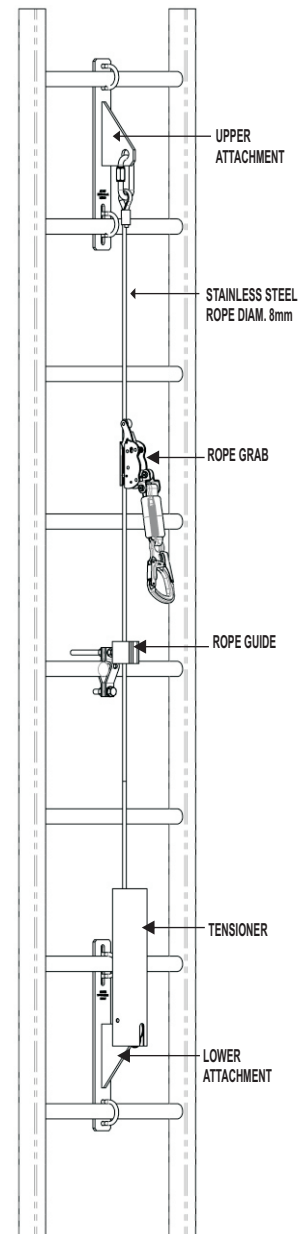
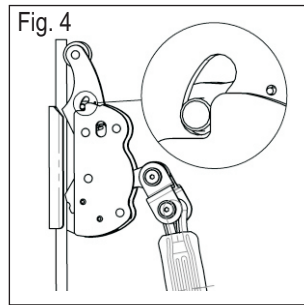
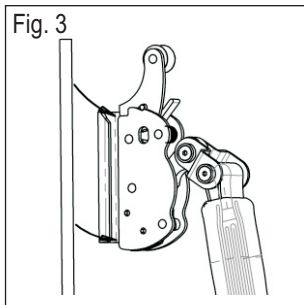
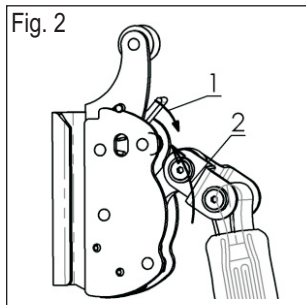


Fig. 1



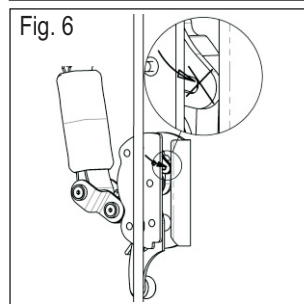
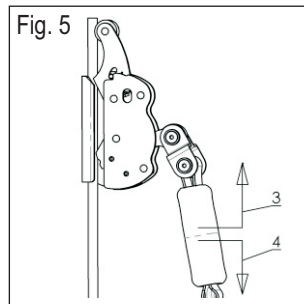


ATTACHING THE ROPE GRAB TO THE GUIDE

1. Before attaching, pull off the arm with the roll by pulling the locking arm "1" and next lift the lever with energy absorber up "2", so that the slot for the rope was fully opened. (fig.2).
2. Put the rope guide into the slot in the body, so that the rope is inside the body (fig.3).
3. Release the locking arm and energy absorber lever, allow them return to initial position automatically. (fig.4).
4. While holding the energy absorber, move slowly the rope grab up and down "3" i "4" in order to check whether it can travel freely along the guide. Next, pull down fast "4" in order to check whether it locks on the guide rope (fig.5).

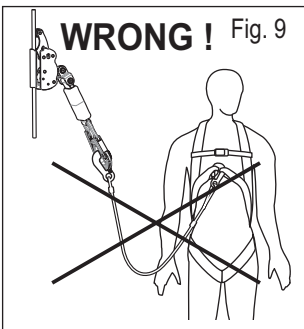
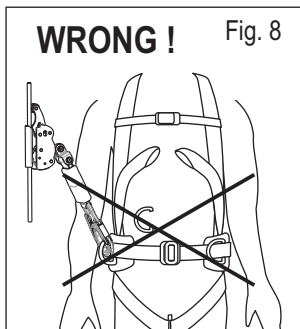
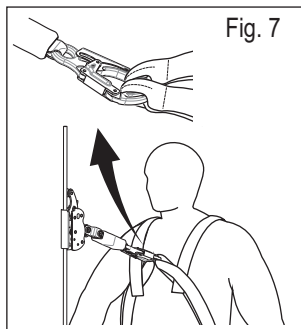
NOTE:

The rope grab AC351 is equipped with feature which protect itself against improper installation direction on the line (upside - down position). In this position, the slot for rope is closed and rope guide inserting into body is impossible (fig.6).



THE ROPE GRAB ATTACHING TO A HARNESS

- ✎ The rope grab should be attached to the front anchor point of a harness designed to arrest a fall (according to EN361), using the snap hook which is associated with the energy absorber (fig.7).
- ✎ It is forbidden to attach the rope grab to work positioning belt (fig. 8).
- ✎ It is forbidden to include any additional components between the snap hook of the rope grab and the attachment point of the harness (fig.9).



GENERAL SAFETY RULES RELATING THE SKC-BLOCK USAGE

- ✎ The use of the safety system not in accordance with the instruction manual poses a threat to life.
- ✎ The system can only be used by persons trained in the performance of work at height and the use of protective equipment against falls from a height.
- ✎ The system cannot be used by people, whose health condition may have an impact on safety, both during normal operation and during rescue operations.
- ✎ A rescue plan that can be used if necessary must be in place.
- ✎ Do not modify, repair or replace the original components of the system. Any modifications, repairs or additions to the device can only be performed by an authorized service.
- ✎ Before each use, check that the date of the system's next technical inspection has not passed.
- ✎ Before and after each use, the system operator should visually check it for its completeness and correct condition and if the cable is taut. Also check the operation of the rope grab in accordance with the section "Attaching the rope grab to the guide". If any defects or incompleteness are identified, the system cannot be used.
- ✎ In case of any doubts please contact the manufacturer or the manufacturer's authorized service.
- ✎ The use of the system in conjunction with personal protective equipment must conform to the instruction manual of such equipment, in particular with the following standards: EN361, EN362.
- ✎ It is forbidden to use the protective equipment, in which the operation of one of the components is disrupted by another component.
- ✎ The device can be used in an explosive environment on the basis of particular testing.
- ✎ When using the system, pay particular attention to the phenomena adversely affecting the operation of the protective equipment or safety of the user, in particular, the negative impact of electricity, extreme temperatures, climatic factors, chemicals and pollutants. In particular, it is forbidden to use wet rope grab within freezing temperature range, which may cause the rope grab icing and, as a result, abnormal operation. If the rope grab is wet, than should be dried before use in freezing temperature.
- ✎ On the first metres above the ground, exercise caution because the operator may not be fully protected from hitting the ground during arresting a fall. To avoid collision with stationary obstacles keep at least 2m free space under the operator's feet. If the system is used by two people at the same time, keep the 3m distance between the head of the person located below and the feet of the person located above.
- ✎ The total weight of the equipment user should not exceed 100kg.
- ✎ Only rope grabs marked with the AC351 symbol can be attached to the Skc-Block's guide. It is forbidden to use the AC351 rope grabs or Skc-Block's guides in combination with other products.
- ✎ Do not detach the AC351 from the guide or grab it with hand when moving up or down. All operations related to removing the rope grab from the guide and grabbing it with hand can be performed only when there is no risk of falling.
- ✎ It is forbidden to use the system to stabilize the operator's position or work in suspension. For this purpose use a separate protective equipment and the system supporting the work at height, conforming to EN358.

An user company is responsible for filling and updating the Identity Card. The Identity Card should be filled before a concerning equipment is put into operation first time. The following information regarding protective equipment must be placed in the Identity Card: name, serial number, date of installation, date of entry into service and removal from use, the user (company) name, information on repair and maintenance. The Identity Card must be completely filled by the person responsible for the protective equipment. The Identity Card should be kept for the lifetime of the equipment.

IDENTITY CARD

SKC-BLOCK vertical fall arrest system GUIDE LINE

CE 1347 EN353-1:2014

Number of a device			
User name			
Date of putting into operation			
Name of installer			
Location			
Data of installation			
Signature of the person responsible for the device			

PERIODIC MAINTENANCE AND REPAIR HISTORY

	DATE	TYPE OF INSPECTION OR REPAIR	COMMENTS	NEXT INSPECTION DATE	NAME AND SIGNATURE OF THE SERVICE PERSON
1					
2					
3					
5					
6					
7					
8					



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IDENTITY CARD

ROPE GRAB ref. AC 351

CE 1347 EN353-1:2014

SERIAL NUMBER			
MANUFACTURING DATE			
USER NAME			
DATE OF PURCHASE	DATE OF PUTTING INTO OPERATION		

PERIODIC MAINTENANCE AND REPAIR HISTORY

	DATE	TYPE OF INSPECTION OR REPAIR	COMMENTS	NEXT INSPECTION DATE	NAME AND SIGNATURE OF THE SERVICE PERSON
1					
2					
3					
5					
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7					
8					
9					
10					



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