

# MANUAL

## GUIDED TYPE FALL ARRESTER DEVICE ON FLEXIBLE GUIDE

ELSF-AR120-G



### NOTIFIED BODY FOR EU TYPE EXAMINATION AND PRODUCTION CONTROL:

Notified body for EU type examination and production control:

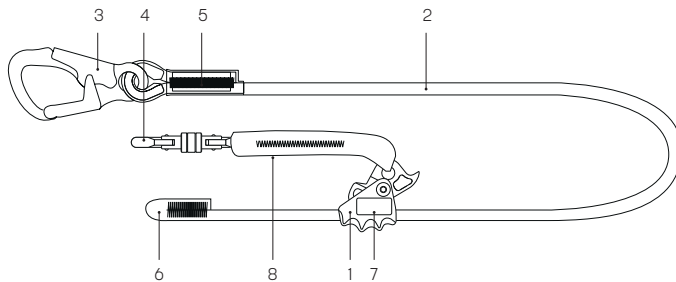
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AR120-G is a guided type fall arrester device on flexible guide that is a part of personal protective equipment against falls from a height. The device is used when the risk of a fall from a height exists and when a free fall occurs, it is arrested.

AR120-G is compliant with EN 353-2. The device includes the polyester guide (working ropes) of 12mm diameter.

AR120-G can be used to protect a single user only.

### NOMENCLATURE OF PARTS



- |                                    |                          |
|------------------------------------|--------------------------|
| 1. Aluminium guided type mechanism | 5. Upper end of lifeline |
| 2. Working rope                    | 6. Lower end of lifeline |
| 3. Carabiner for anchor            | 7. Marking of device     |
| 4. Carabiner for "A" Attachment    | 8. Marking of lifeline   |



Type: LANYARD  
Model: AR120-G  
Mfg. date: 03/2024  
Max. Length: 2M  
Serial No.: 24030001



### MARKING

1. ELLERsafe: Manufacturer name
2. AR120-G is model number
3. XX -s rope length in meter
4. MM/YY: batch number: MONTH/YEAR
5. EN353-2:2002, EN12841:2006-A means European standard and publication date
6. CE means conform according to Regulation 2016/425
7. 12mm diameter rope
8. MAX 1 person
9. Read the instruction for use

### LIMITATIONS

Device is a complete component of fall arrest system. The rope grab is permanently fixed on the guide (working rope) and any activity to remove the rope grab from the rope is strictly forbidden.

### CONNECTING OF THE WORKING ROPE TO STRUCTURAL ANCHORAGE POINT

The guide (working rope) is to be connected to the structural anchorage point by means of the connector or anchoring device compliant with EN362 or EN795 standard. The structural anchorage point should have static resistance of min.12 kN. The shape and design of the structural anchor point should not let self-acting disconnection of the guide. It is recommended to use certified and approved anchorage points conforming to EN795.

### CONNECTING THE DEVICE TO THE FULL BODY HARNESS

The connector of the rope grab must be connected to the attachment point of full body harness, marked with a capital "A" letter. It's recommended to use front attachment point. The full body harness must comply with EN361 standard. The arrow located on the front wall of the guide must be directed up to the top end of the guide, towards the anchorage point.

**ATTENTION:** Every time before using the equipment protecting against falls from height that employs the AR120-G one needs to check if all the components are properly interconnected to one another and cooperate smoothly, as well as if they are compliant with compulsory standards:

- EN 361 – for full body harness;
- EN 362 – for connectors;
- EN 795 – for anchoring devices;

**ATTENTION:** While ascending and descending over the first 2 meters above the reference level the user might not be properly secured against hitting the ground while falling, thus special care must be taken while working in this range of heights.

The required free space "H" of minimum 2.1 m must be present underneath the user in order to safely arrest the fall. If the guide (working rope) of the length greater than 20 m is used, the free space underneath the user should be increased by 5% of the guide length.

If the guide is attached to the anchor point situated in the vertical line directly over the user, the maximum admissible deflection of the working rope from the vertical equals 15° while the user moves horizontally from structural anchor point line

