



# REACTOR 140

It belongs to the category of shock absorbers. Lightweight, practical shape does not restrict users at the work. Newly designed for users with a maximum weight of 140 kg (including equipment). Optional length of lanyards for diverse work.

## DESCRIPTION

Shock absorber used primarily by workers on a structure, ladders and pylons.

Cover is made from black synthetic rubber and Cordura with PU coating.

Shock absorber is designed to capture safely a person weighting 140 kg (including equipment).

Maximum active breaking length of shock absorber is 175 cm.

Orange indicator is threaded through the attaching eyes and indicates an actual damage.



Any EN362 certified connector can be sewn into this loop.

Oval design for easy grip.

Zipper around the perimeter of the cover for easy inspection of energy absorber.



Intact, orange indicator of energy absorber activation.

## KEY FEATURES

- Lightweight (170 g)
- For user max. 140 kg
- Maximal length inc. 2 m

## STANDARDS

CE1019  
EN 355:2002

## FEATURES



140 kg



170 g / 6 oz



one person only



optional length depending on the model



unique numbers



guarantee

## MATERIAL COMPOSITION

- 85% polyamide
- 13% polyester
- 1% powder coated steel
- 1% syntetic rubber



## TECHNICAL DATA

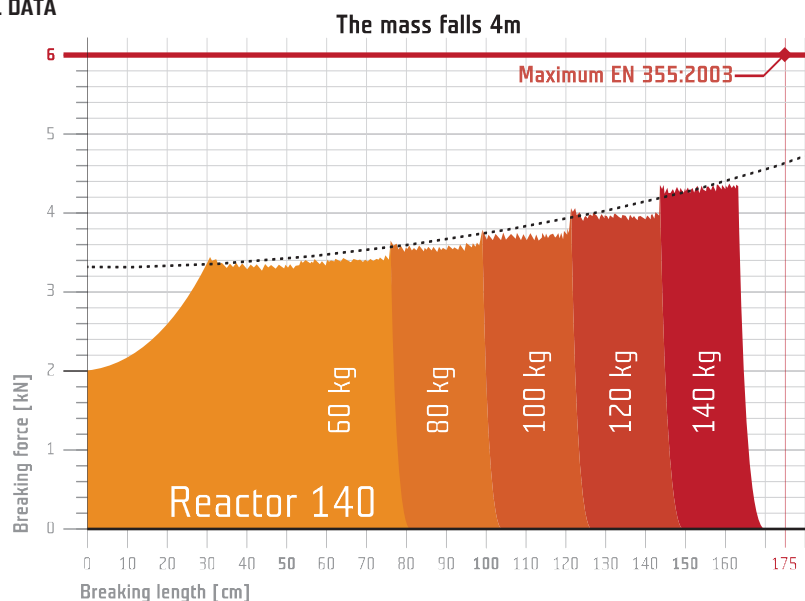
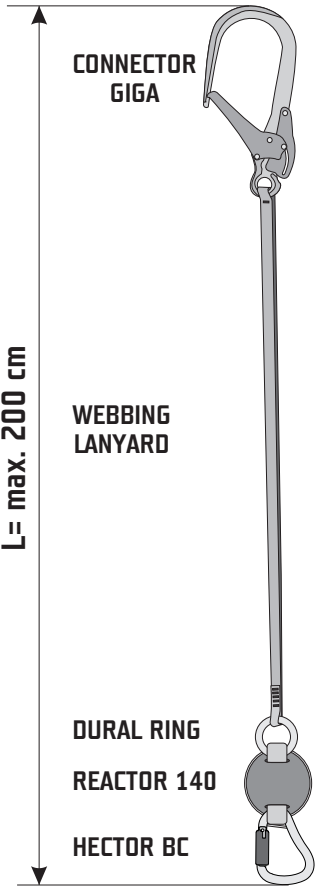
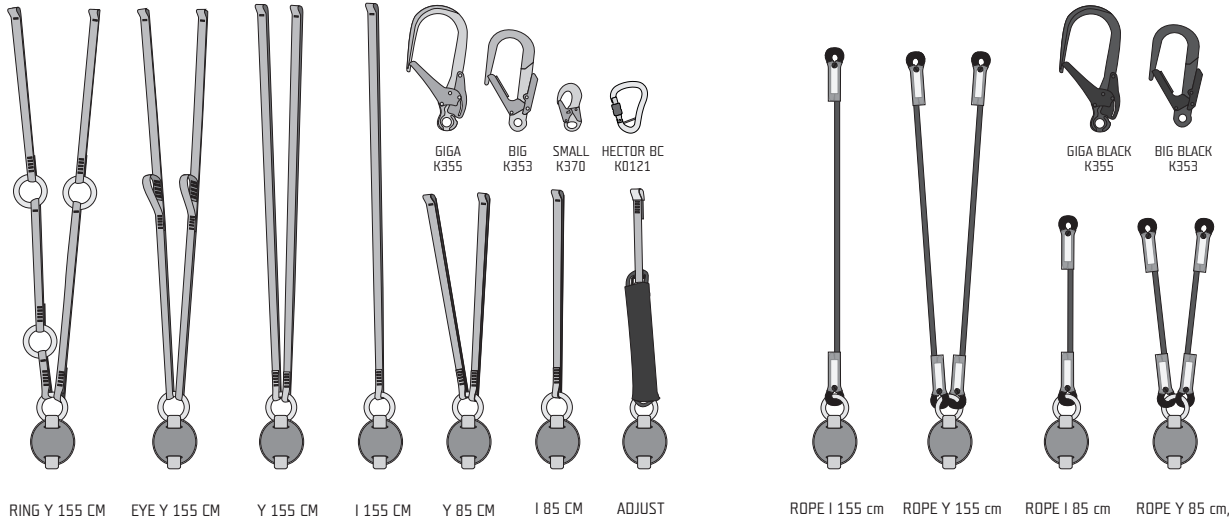


TABLE OF SIZES

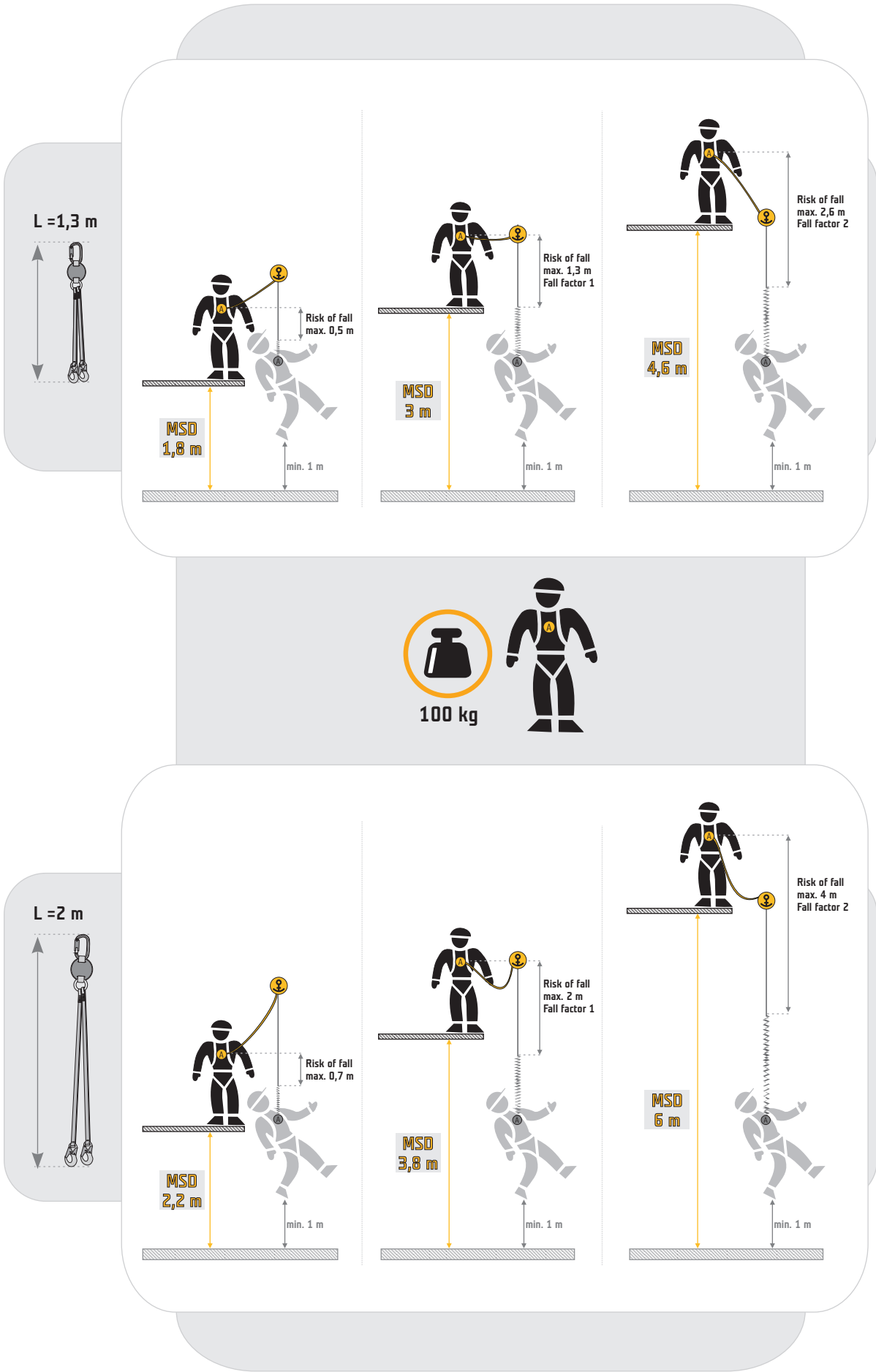


| TYPE            | CODE      | CONNECTORS    | LENGTH OF SYSTEM [cm] | WEIGHT [g] |
|-----------------|-----------|---------------|-----------------------|------------|
| "I" 85 cm       | W4410W085 | -             | 85                    | 250        |
|                 | W4411W085 | K370          | 100                   | 400        |
|                 | W4412W085 | K353          | 110                   | 750        |
|                 | W4413W085 | K355          | 120                   | 1230       |
| "I" 155 cm      | W4410W155 | -             | 155                   | 290        |
|                 | W4411W155 | K370          | 170                   | 440        |
|                 | W4412W155 | K353          | 180                   | 830        |
|                 | W4413W155 | K355          | 190                   | 1270       |
| "Y" 85 cm       | W4420W085 | -             | 85                    | 210        |
|                 | W4421W085 | 2x K370       | 100                   | 610        |
|                 | W4422W085 | 2x K353       | 110                   | 1290       |
|                 | W4423W085 | 2x K355       | 120                   | 2210       |
| "Y" 155 cm      | W4420W155 | -             | 155                   | 390        |
|                 | W4421W155 | 2x K370       | 170                   | 690        |
|                 | W4422W155 | 2x K353       | 180                   | 1390       |
|                 | W4423W155 | 2x K355       | 190                   | 2310       |
| EYE "Y" 155 cm  | W4430W155 | -             | 155                   | 390        |
|                 | W4433W155 | 2x K355       | 190                   | 2310       |
| RING "Y" 155 cm | W4440W155 | -             | 155                   | 530        |
|                 | W4441W155 | 2x K370       | 170                   | 830        |
|                 | W4442W155 | 2x K353       | 180                   | 1510       |
| ROPE "I" 85 cm  | W4450X085 | -             | 85                    | 290        |
|                 | W4452X085 | K353 black    | 110                   | 790        |
|                 | W4453X085 | K355 black    | 120                   | 1260       |
| ROPE "I" 155 cm | W4450X155 | -             | 155                   | 370        |
|                 | W4452X155 | K353 black    | 180                   | 870        |
|                 | W4453X155 | K355 black    | 190                   | 1340       |
| ROPE "Y" 85 cm  | W4460X085 | -             | 85                    | 400        |
|                 | W4462X085 | 2x K353 black | 110                   | 1400       |
|                 | W4463X085 | 2x K355 black | 120                   | 2340       |
| ROPE "Y" 155 cm | W4460X155 | -             | 155                   | 520        |
|                 | W4462X155 | 2x K353 black | 180                   | 1520       |
|                 | W4463X155 | 2x K355 black | 190                   | 2460       |
| ADJUST          | W4470Y100 | -             | 100-160               | 420        |
|                 | W4471Y100 | 2x K370       | 115-175               | 570        |
|                 | W4472Y100 | 2x K355       | 125-185               | 920        |

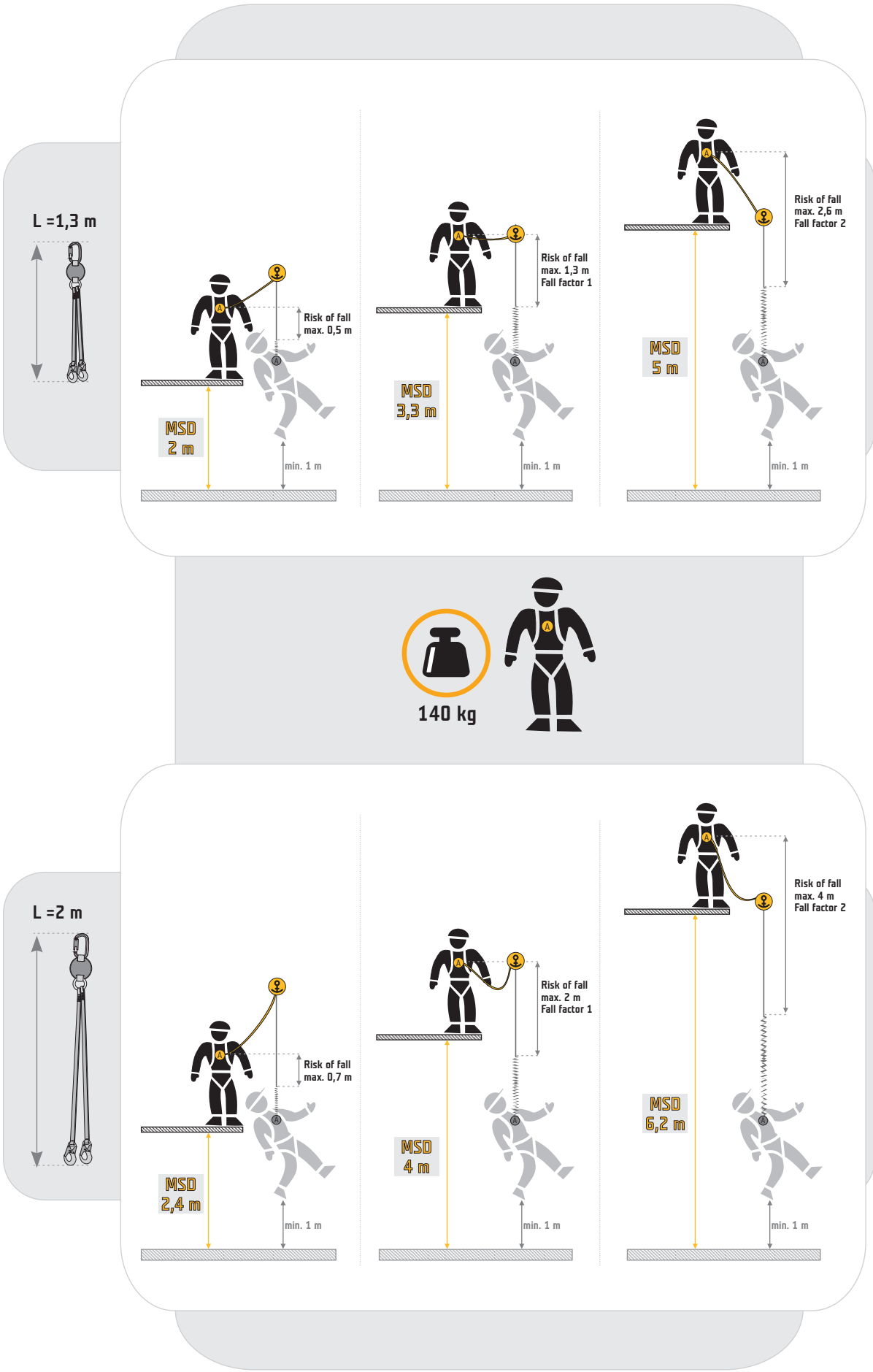
LANYARDS AND CONNECTORS



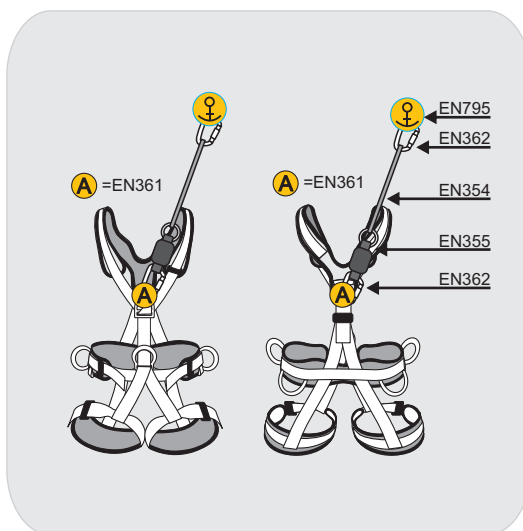
MINIMAL SAFETY DISTANCE FOR 100 KG



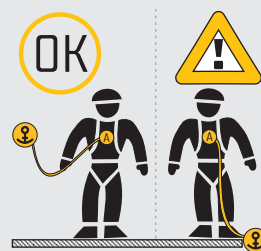
MINIMAL SAFETY DISTANCE FOR 140 KG



## WARNINGS AND RECOMMENDATIONS



min. 2 people in  
the workplace  
min. 2 osoby na  
pracovišti



It is not recommended  
fall factor greater than 1.

Není doporučovaný  
pádový faktor větší než 1.



!!! WARNING !!!  
Danger of swing

!!! POZOR !!!  
Nebezpečí zhrounutí



Lifetime of this product depends on the frequency and the environment (salt, sand, moisture, chemicals, etc.) in which is used. Without taking wear or mechanical damage into account and the conditions specified in the instructions for use this product may be used 15 years from the date of production and 10 years from the date of first use.

However mechanical damage can occur during the first use, which can limit the lifetime of this products only to its first use.



The mass falls 4m

Maximum EN 355:2003

Reactor 3

Reactor 140

100 kg

100 kg

Breaking force [kN]

Breaking length [cm]