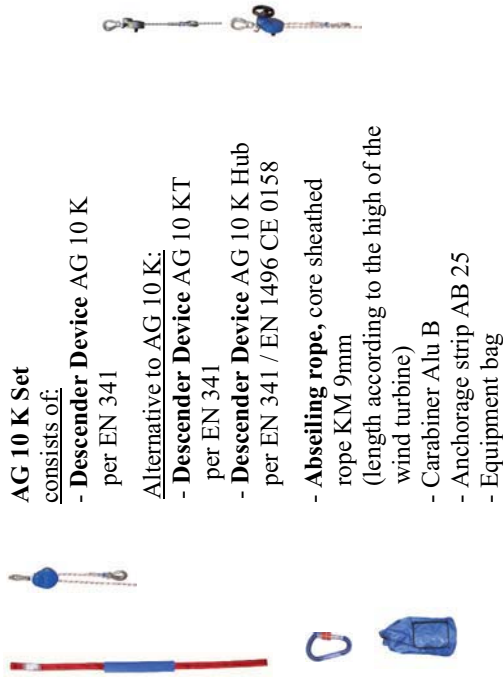


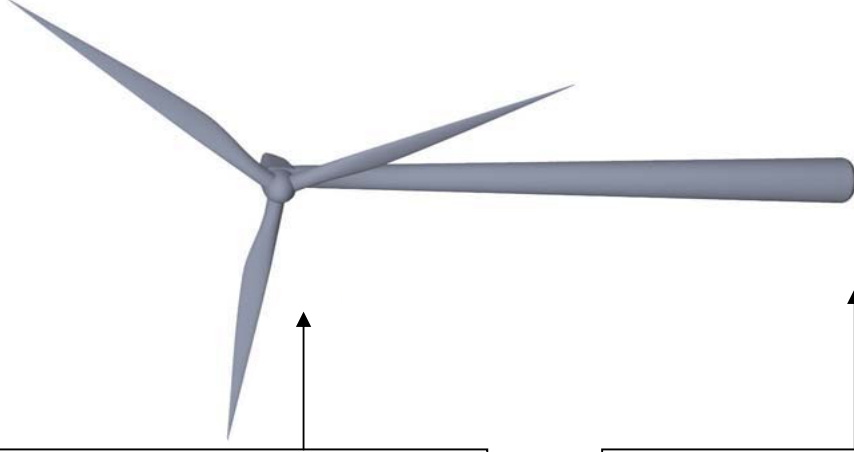
Height Safety and Descending Devices for Wind Power Industry and Climbing Protection



Safety harness in the wind turbine

Evacuation set in the wind turbine

- 
- AG 10 K Set**
consists of:
 - **Descender Device AG 10 K**
per EN 341
 - Alternative to AG 10 K:
 - **Descender Device AG 10 KT**
per EN 341
 - **Descender Device AG 10 K Hub**
per EN 341 / EN 1496 CE 0158
 - **Abseling rope**, core sheathed
rope KM 9mm
(length according to the high of the
wind turbine)
 - Carabiner Alu B
 - Anchorage strip AB 25
 - Equipment bag

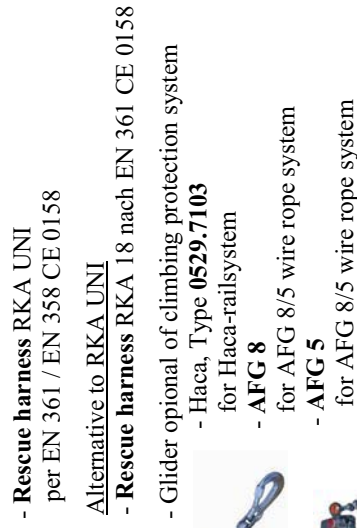


Safety harness

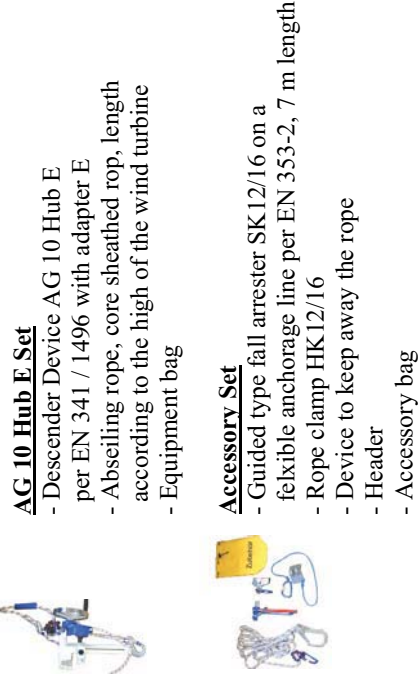
Personally equipment for service staff

- 
- Rescue harness **RKA UNI**
per EN 361 CE 0158
 - **Work positioning rope**, length 2 m
EN 358 CE 0158
RHK60-SK12/16-2,0m-EK
 - **Work positioning rope**, length 1 m
EN 358 CE 0158
RHK60-KM12/1,0m-FS51
 - **Tape energy absorber BFDS**
EN 355 CE 0158
- Alternative:
- **Tape energy absorber with y-lanyard**
EN 354 / 355 CE 0158
Total length 2,0 m with
Carabiner RHK60
 - **Equipment bag**

Safety harness in the wind turbine for the operating company

- 
- **Rescue harness RKA UNI**
per EN 361 / EN 358 CE 0158
- Alternative to RKA UNI
- **Rescue harness RKA 18** nach EN 361 CE 0158
- Glider optional of climbing protection system
 - Haca, Type **0529.7103**
for Haca-railsystem
 - **AFG 8**
for AFG 8/5 wire rope system
 - **AFG 5**
for AFG 8/5 wire rope system

Safety descending devices for service staff and operating company

- 
- AG 10 Hub E Set**
- Descender Device AG 10 Hub E
per EN 341 / 1496 with adapter E
 - Abseling rope, core sheathed rop, length
according to the high of the wind turbine
 - Equipment bag
- Accessory Set**
- Guided type fall arrester SK12/16 on a
flexible anchorage line per EN 353-2, 7 m length
 - Rope clamp HK12/16
 - Device to keep away the rope
 - Header
 - Accessory bag

Product data sheet

Safety harness in the wind turbine for the operating company



Rescue Harness RKA UNI

EN 361 / EN 358 CE 0158

- waistbelt with friction buckle
- waistbelt with climbing protection eye
- lateral attachment elements
- shoulder straps with friction buckle
- adjustable chest strap with buckle
- suspension eye, rear suspension eye
- back support
- leg belt with mandril buckle

Glider optional of climbing protection system:



Haca, Typ 0529.7103 for Haca-railsystem

- with opening mechanism, insertion and extraction on each place on the rail
- qualified for long-term work



Glider **AFG 8** for AFG8/5 wire rope system

- for 8 mm wire rope
- with opening mechanism
- with safty catch for prevention of a mistaken montage at the rope
- with non-detachable, textile tape energy absorber



Glider **AFG 5** for AFG 8/5 wire rope system

- for 8 mm wire rope
- with rotary rotator and carabiner
- with opening mechanism
- with safty catch for prevention of a mistaken montage at the rope



- for 8 mm wire rope
- without rotary rotator
- with carabiner
- with opening mechanism
- with safty catch for prevention of a mistaken montage at the rope

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Internet: www.meyle.de - E-Mail:sales@meyle.de

Product data sheet

Alternative: Safety harness wind
Personally equipment for service staff



Rescue Harness RKA UNI

EN 361 / EN 358 CE 0158

- waistbelt with friction buckle
- waistbelt with climbing protection eye
- lateral attachment elements
- shoulder straps with friction buckle
- adjustable chest strap with buckle
- suspension eye, rear suspension eye
- back support
- leg belt with mandril buckle



Tape energy absorber with y-lanyard

EN 354 / 355 CE 0158

- Total length 2,0 m with
- with Aluminiumcarabiner RHK60



Equipment bag

- with 1 shoulder strap
- with sheet protector for documentation
- with pull closing

Product data sheet

Safety harness wind
Personally equipment for service staff



Rescue Harness RKA UNI

EN 361 / EN 358 CE 0158

- waistbelt with friction buckle
- waistbelt with climbing protection eye
- lateral attachment elements
- shoulder straps with friction buckle

- adjustable chest strap with buckle
- suspension eye, rear suspension eye
- back support
- leg belt with mandril buckle



Work positioning rope

EN 358 CE 0158

RHK60-SK12/16-2,0m-EK

- Core sheathed rope 12 mm
- length 2,0 m
- Aluminiumcarabiner RHK60



Work positioning rope

EN 358 CE 0158

RHK60-KM12/1,0m-FS51

- core sheathed rope 12 mm
- length 1,0 m
- with aluminiumcarabiner RHK60 and steelcarabiner FS 51



Tape energy absorber BFD S

EN 355 CE 0158

with aluminium carabiner Alu 235



Equipment bag

- with 2 shoulder straps
- with carding closing

Product data sheet

Alternative 1: Evacuation-Set Wind KT

Rescue equipment in the in the wind turbine for evacuation

Set AG 10 KT consists of:



Descender Device AG 10 KT

EN 341 CE 0158

Device class:	A
Permitted descend high:	max. 200 m
Permitted descend high for 2 persons:	max. 125m
Max. descend load:	150 kg
max. descend load for 2 persons:	225 kg
Abseiling speed:	0,7 m/s
Device weight:	0,9 kg (without rope)

- with abseiling rope, core sheathed rope 9 mm
⇒ length according to the high of the wind turbine



Carabiner Alu B

EN 362 CE 0158

- material: aluminium
- with screw coupling



Equipment bag

- with 1 shoulder strap
- with sheet protector for documentation
- with pull closing



Anchorage strip AB 25

length 1,5 m (strip length 3,0 m)

Product data sheet

Alternative 2: Evacuation-Set Wind K Hub A
Rescue equipment in the in the wind turbine for evacuation

Set AG 10 K Hub A consists of:



Descender Device AG 10 K Hub A
EN 341 CE 0158

Device class:	A
Permitted descend high:	max. 200 m
Permitted descend high for 2 persons:	max. 125m
Max. descend load:	150 kg
max. descend load for 2 persons:	225 kg
Abseiling speed:	0,7 m/s
Device weight:	1,2 kg (without rope)

- with abseiling rope, core sheathed rope 9 mm
⇒ length according to the high of the wind turbine



Carabiner Alu B
EN 362 CE 0158
- material: aluminium
- with screw coupling



Equipment bag
- with 1 shoulder strap
- with sheet protector for documentation
- with pull closing



Anchorage strip AB 25
length 1,5 m (strip length 3,0 m)

Product data sheet

Evacuation-Set Wind K
 Rescue equipment in the wind turbine for evacuation

Set AG 10 K consists of:



Descender Device AG 10 K
 EN 341 CE 0158

Device class: A
 Permitted descend high: max. 200 m
 Permitted descend high
 for 2 persons: max. 125m
 Max. descend load: 150 kg
 max. descend load
 for 2 persons: 225 kg
 Abseiling speed: 0,7 m/s
 Device weight: 0,9 kg (without rope)

- with abseiling rope, core sheathed rope 9 mm
 ⇒ length according to the high of the wind turbine



Carabiner Alu B
 EN 362 CE 0158
 - material: aluminium
 - with screw coupling



Anchorage strip AB 25
 length 1,5 m (strip length 3,0 m)



Equipment bag
 - with 1 shoulder strap
 - with sheet protector for documentation
 - with pull closing

Product data sheet

Rescue, hoisting and abseiling equipment wind
Rescue equipment for service staff

AG 10 Hub E



Descender Device AG 10 Hub E

EN 341 / EN 1496 CE 0158

- with adapter E
- with equipment bag

Device class:	A
Permitted abseiling high:	max. 400 m
Permitted abseiling high for 2 persons:	max. 100 m
Max. abseiling load:	150 kg
Max. abseiling load for 2 persons:	225 kg
Abseiling speed:	0,7 m/s
Device weight:	4,8 kg (with adapter)

- with abseiling rope, core sheathed rope 9 mm
⇒ length according to the high of the wind turbine



Equipment Rucksack, big

D = 350 mm, H = 740 mm, useable high 550 mm

Capacity: 52 Liter

Colours: blue
black

Accessory Wind



Required accessory for the rescue from the ladder, out of the hub, from the gunwale

- Guided type fall arrester SK12/16 on a flexible anchorage line
RHK60-SK12/16 per EN 353-2 CE 0158, length 7 m
- Rope clamp HK12/16
- Device to keep away the rope
- Header
- Accessory bag

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**We make it compatible...
and safe!**



magnetic connection

disconnects immediately in case of fall down

guarantees proper function of the fall protection system

reusable

safe and easy handling, solid design

solid design, can be certified** with every usual fall protection system

meets applicable standards

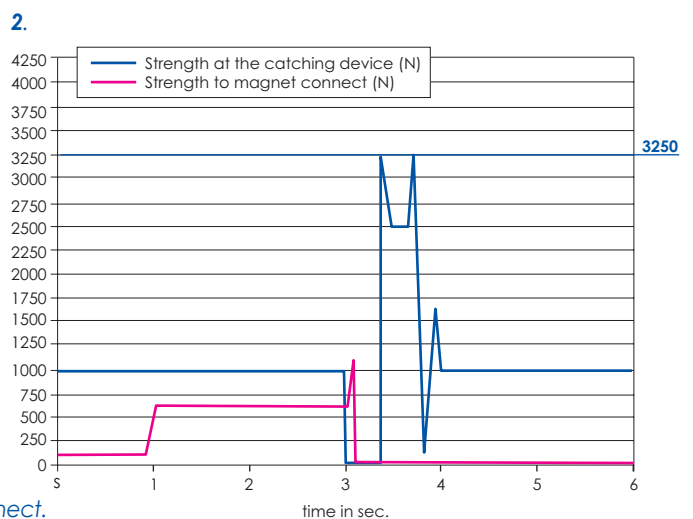
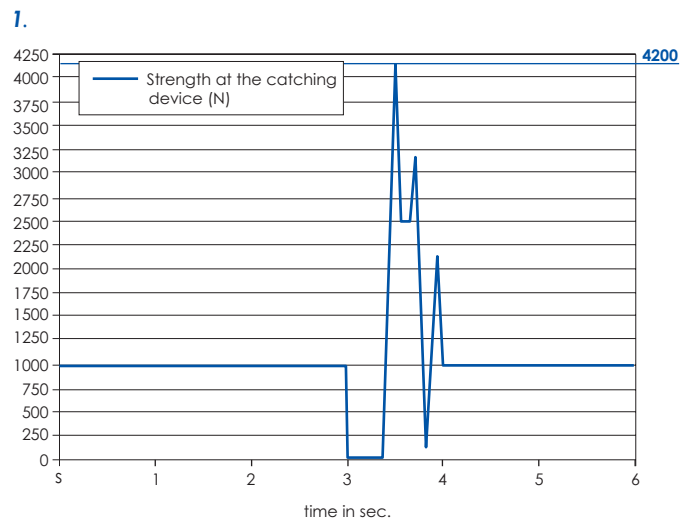
**** EN 353-1
ANSI Z359.1-2007
OSHA 1910.66 App C**

When it comes to jobs at high, the safety of employees must be first priority. Our engineers are fully aware of their responsibility

Whilst developing our ladder climbing drive within recent years we investigated to what extent the climbing help influences the function of fall protection systems.

Investigations both in-house and also with DEKRA EXAM and leading manufacturers of fall protection systems have shown that the climb assists can have both positive and negative influences on the fall protection system.

It causes less body strain of ascending and descending person and also a reduction of the climbing duration without forcing the climber to a particular speed the investigations positively pointed out that the forces which act on the body if a person falls are cushioned by the magnet connect (see figures 1 and 2 below). This significantly reduces the injury risk in case of a fall. It should, however be noted that every ladder climber has an influence on the respective fall protection system used. This is due to the permanent connection of the person ascending with PPE and the ladder climber.



1. Diagram of the force curve between the safety device and the belt in fall tests in accordance with the standard without a ladder climbing drive.

2. Diagram of the force curve between the safety device and the belt in fall tests in accordance with the standard with a ladder climbing drive. In addition force curve of the magnet connect.

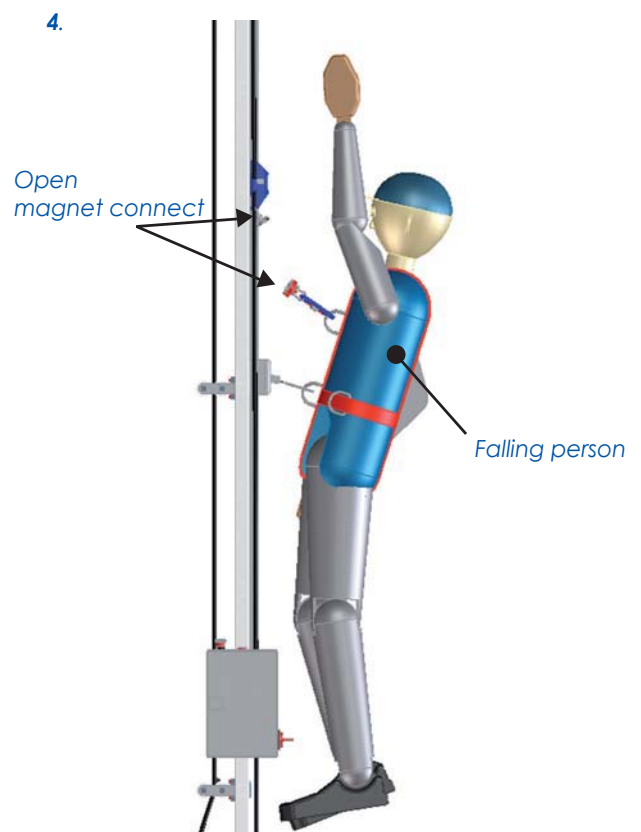
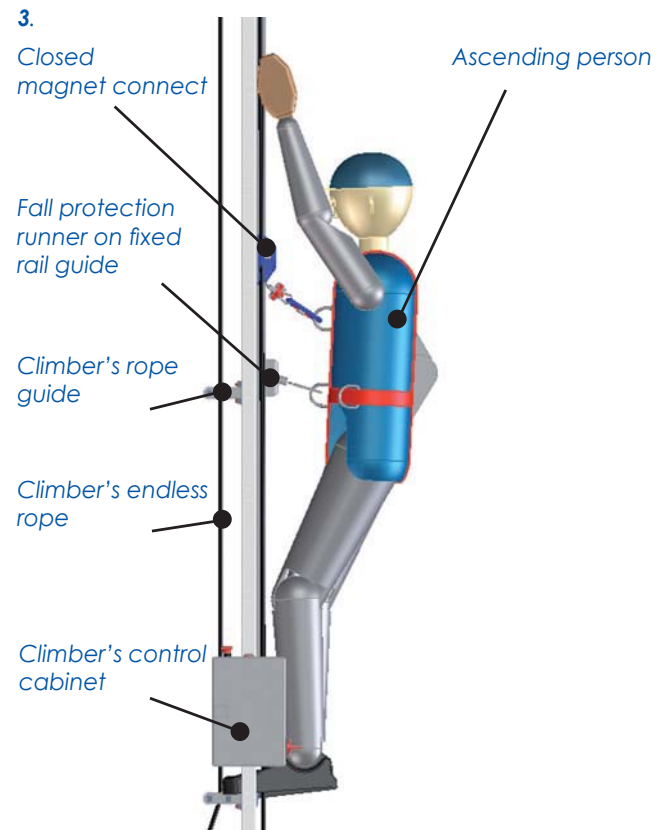
Magnet connect has been developed to guarantee the required regulations for using different fall protection systems and thus to eliminate excessive falling distances or prevent ascending persons from falling.

The function of the magnet connect guarantees a maximum of safety via a magnetic connection as the ladder climb drive is completely disconnected from the fall protection system in the event of a person falling. The permanent connection is thus abruptly interrupted and the ladder climber cannot have a negative effect on the fall protection system any more (See figures 3 and 4).

With this new development we are in a position to receive certification in accordance with current regulations for all common protecting fall systems available on the market.

- EN 353-1
- ANSI Z 359.1-2007
- OSHA 1910.66 App C

Please contact us to have your fall protection system certified for use with the our ladder climbing device, because we make it compatible... Absolutely!



3. Person ascending a ladder secured with a fall protection system and supported by the ladder climber.

4. Person falling, magnet connect opened, person falls into fall protection system.

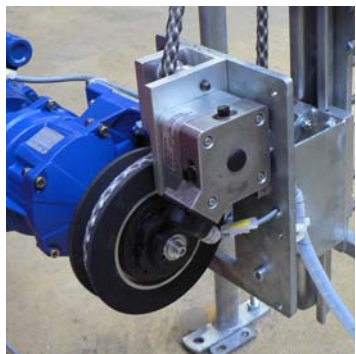
Ladder Climbing Drive



The ladder climbing drive can be used with existing fall arrest rail or steel rope ladder systems. The ladder climbing drives rope runs parallel to the fall arrest systems so that the climber is connected to the fall arrest system and climbing is supported by the additional connection to the ladder climbing drives rope.

The safety harness is fastened to the continuous rope by an ascender and snap hooks. The motor, fitted to the bottom end of the ladder on the rear side, drives the continuous rope via an infinitely variable slip clutch with driving pulley.

The rope runs around the top end of the ladder via a sheave. The ladder climbing drive is started or stopped by pulling up the rope and stops when the climber comes to a halt on the ladder. The rope is pulled up again to continue climbing.



Unlike comparable products there is no risk of accident if the slip clutch fails, as the signal to the control system is transmitted via a separate shaft and not via the motor shaft.

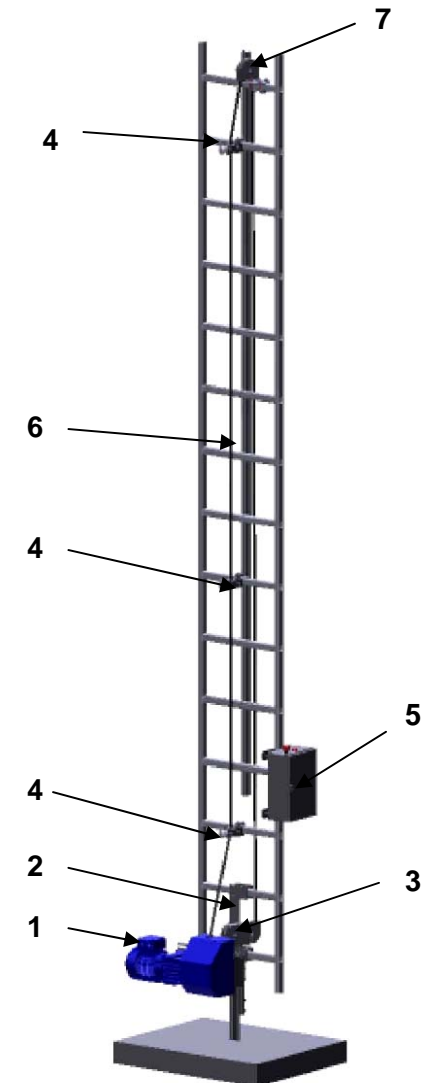
Application side beam

The ladder climbing drive type LCD-S is an equipment to facilitate the ascent of persons during the use of stationary ladders.

Climbing person is secured with fall arrester equipment in accordance with EN 353-1:2002, ANSI Z359.1-1992 and a safety harness in accordance with EN 361, ANSI Z359.1 while using the ladder.

The ladder climbing drive LCD-S is designed for **side beam ladders**

- 1) Drive unit including guide carriage
- 2) Guide rail
- 3) Lower guide pulley
- 4) Rope guides
- 5) Control cabinet (controlling)
- 6) Polyester rope
- 7) Upper guide pulley



Technical data

Description:	Ladder climbing drive
Type:	LCD-S
Total weight:	approx. 33kg incl. drive unit
Relief / Tension force:	35kg (adjustable up to 45kg)
Minimum weight of climbing person:	50kg
Drive unit:	Spur gear motor with drive shaft 0,55 kW, 230V/50Hz / IP54
Rope:	Infinite rope made of polyester, 12mm, trusted out with special Grip- coating.
Climbing high:	According to project requirements



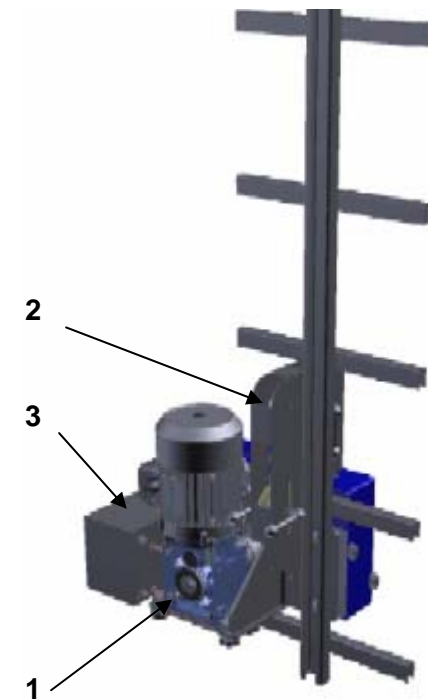
Application middle beam

The ladder climbing drive type LCD-M is an equipment facilitate the ascent of persons during the use of stationary ladders.

Climbing person is secured with fall arrester equipment in accordance with EN 353-1:2002, ANSI Z359.1-1992 and a safety harness in accordance with EN 361, ANSI Z359.1 while using the ladder.

The ladder climbing drive LCD-M is designed for **middle beam ladders**

- 1) Drive unit including guide carriage
- 2) Lower guide pulley
- 3) Control cabinet
- 4) Polyester rope (not showed)
- 5) Upper guide pulley (not showed)



Technical data

Description:	Ladder climbing drive
Type:	LCD-M
Total weight:	approx. 40kg incl. drive unit
Relief / Tension force:	35kg (adjustable up to 45kg)
Minimum weight of climbing person:	50kg
Drive unit:	Helical gear motor with drive shaft 0,55 kW, 230V/50Hz / IP54
Rope:	Infinite rope made of polyester, 12mm, trusted out with special Grip- coating.
Climbing high:	According to project requirements



















 **DANGER**





Usage of the ladder climbing drive is permitted only with checked and approved fall arrester equipment.
In case of non-observance, there is a danger to life and limb!

 **DANGER**




The ladder climbing drive **does not** serve as replacement for the fall arrester equipment.
In case of non-observance, there is a danger to life and limb!



Illustration	Quantity	()	Description
Climbing protection			
	1	set	Climbing protection system 5/2 ladder rungs vertical lifeline system for AFG 5 / AFG 8 EN 353-1 CE 0158
	1	pc.	<u>Consists of:</u> fastening point at the top over 5 ladder rungs
	1	pc.	shackle
	1	pc.	fastening point at the bottom over 2 ladder rungs
	1	pc.	turn buckle
	1	pc.	shackle
	1	pc.	clamp and thimble for wire rope
			Accessories to choose from below as for 3 ladder rungs set
	1	set	Climbing protection system 3/2 ladder rungs vertical lifeline system AFG 5 / AFG 8 EN 353-1 CE 0158
	1	pc.	<u>Consists of:</u> fastening point at the top over 3 ladder rungs
	1	pc.	shackle
	1	pc.	fastening point at the bottom over 2 ladder rungs
	1	pc.	turn buckle
	1	pc.	shackle
	1	pc.	clamp and thimble for wire rope
			Accessories to choose from below as for 5 ladder rungs set
	1	m	Wire rope 8mm, steal galvanized
	1	pc.	Intermediate rope guide
	1	pc.	Runner / Glider AFG 8 with energy absorber for wire rope system - for 8 mm wire rope - with opening mechanism - with safety catch for prevention of a mistaken montage at the rope - with non-detachable, textile tape energy absorber

	1	pc.	<p>Runner / Glider AFG 5 with rotator for wire rope system</p> <ul style="list-style-type: none"> - for 8 mm wire rope - with rotary rotator and carabiner - with opening mechanism - with safty catch for prevention of a mistaken montage at the rope
	1	pc.	<p>Runner / Glider AFG 5 without rotator for wire rope system</p> <ul style="list-style-type: none"> - for 8 mm wire rope - without rotary rotator - with carabiner - with opening mechanism - with safty catch for prevention of a mistaken montage at the rope
	1	pc.	<p>Runner / Glider CT 01 with steel carabiner for rail ladder systems</p> <ul style="list-style-type: none"> - for most common rail systems - with steel carabiner - according to EN 353-1:2002
	1	set	<p>Ladder climbing drive LCD-S / LCD-M can be used with existing fall arrest rail or steel rope ladder systems. The ladder climbing drives rope runs parallel to the fall arrest systems so that the climber is connected to the fall arrest system and climbing is supported by the additional connection to the ladder climbing drives rope.</p>

Harness and Ropes

	1	pc.	<p>Full body harness RKA 18 EN 361 / 358 CE 0158</p>
	1	pc.	<p>Full body harness RKA UNI with back support and adjustable chest strap EN 361 / 358 CE 0158</p> <p>Size 0 Size 1</p>
	1	pc.	<p>Full body harness RKA UNI EDS with big back support and adjustable chest strap with buckles on legbelt and waistbelt EN 361 / 358 CE 0158</p> <p>Size 0 Size 1</p>



1 pc. Vest-harness RKA – 18 W
EN 361 CE 0158
incl. Harness RKA 18



1 pc. Safety helmet with 4-point-chin-strap
with ventilation hole
without ventilation hole
Colour: polar blue, white, orange



1 12 pair
box Cloves Polyurethane Coating. Palm Coated
Nylon liner knitwrist, Cat. II
EN size: 6, 7, 8, 9, 10, 11
Length: 210 - 265 mm
Color: black (standard), white



1 pair Shoulder pad for rescue harness with
popper for belt strap, 45 mm



1 pc. Backpack
Material: water-repellend cortex
with padded shoulder straps and stuff lock
L= ca. 30 L
D= 280mm, H= 700mm, usable hight: 500mm
Colour: black or blue



1 pc. Aluminium Box 29 L
400 x 300 x 245 mm inside diamentions
432 x 335 x 277 mm inside diamentions
with reinforced edges



1 pc. Work Positioning Rope
EN 358 CE 0158
RHK 60-KM12/2,0m-SK12-EK
Core sheathed rope 12 mm
length 2,0 m
with carabiner RHK 60 and rope clamp SK 12/16



1 pc. Work Positioning rope, Length 1 m
RHK60-KM12/1,0m-FS51
EN 358 CE 0158
Core Sheathed rope 12 mm, Length 1,0 m,
manufactured with Alu Carabiner
RHK60 and Steel Carabiner FS51



1 pc. Tape Energy Absorber BFD S
EN 355 CE 0158



1 pc. Single-lanyard with tape energy absorber
EN 355 / EN 354 CE 0158
BFDS/FS51-KM12-2,0m-RHK60
Manufactured with RHK60 aluminium pipe hook
Entire length 2,0 m



1 pc. Tape Energy absorber with double lanyard Y-rope
EN 354 / EN 355 CE 0158
BFD/FS51-KM12-2,0m-RHK60/RHK60

Core sheathed rope 12mm, total length 2,0m,
Y-rope manufactured with 2 pipe hook carabiner
RHK 60



1 pc. Anchorage string AB 25

Length 1,0 m (string length 2,0 m)
(double folded)

Length 1,5 m (string length 3,0 m)
(double folded)










1 pc. Safety carabiner
Alu B1
EN 362:2004/B CE 0158
with swivel nut









Descending Devices







1 set AG 10 K Set
Self-Evacuation-Set for abseiling form the top of
the windturbine in case of a fine in the tower

Consists of:
Descender Device AG 10 K
EN 341 CE 0158
Anchorage string 1,0 m with carabiner Alu B1
Device Bag with one shoulder strap
+ Abseiling rope, 9mm in required length

	1	pc.	Anchorage string 1,0 m with carabiner Alu B1
	1	pc.	Device Bag with one shoulder strap
	1	m	Abseiling rope, 9mm core sheathed rope assembled with carabiner Alu 235 on both rope ends, length depending on the height of the windturbine
<hr/>			
	1	set	AG 10 KT Descender Device AG 10 KT EN 341 CE 0496 CE 0158 For set to combine with below and f.e. anchorage string, carabiner, ect. as per above price list
	1	pc.	Device Bag with one shoulder strap
	1	m	Abseiling rope, 9mm core sheathed rope assembled with carabiner Alu 235 on both rope ends, length depending on the height of the windturbine
<hr/>			
	1	set	AG 10 K Hub A Set <u>Consists of:</u> - Descender Device AG 10 K Hub A EN 341 / EN 1496 CE 0158 - Instruction for use and test specification - Device Bag - Core sheathed rope KM 9 mm, abseiling rope manufactured with Carabiner Alu 235, length 130 m

	1	pc.	Device Bag with one shoulder strap
	1	pc.	Abseiling rope, 9mm core sheathed rope assembled with carabiner Alu 235 on both rope ends, length 130 m
	1	set	AG 10 Hub E Set with 130 m Abseiling rope Consists of: - Decender Rescue Device AG 10 Hub EN 341 / EN 1496 CE 0158 with adapter E for ladder / rail and work positioning rope SK12/16 - Instruction for use - Device backpack - Core sheathded rope 9 mm manufactured as abseiling rope with carabiner Alu 235, length 130m
	1	pc.	Device Bag with one shoulder strap
	1	pc.	Abseiling rope, 9mm core sheathed rope assembled with carabiner Alu 235 on both rope ends, length 130 m
	1	set	Required accessories for the rescue from the ladder, out of the AG 10 hub E, from the gunwale Consists of: - Guided type fall arrester SK12-16 on a flexible anchorage line - RHK60-SK12/16 EN 353-2 CE 0158 (length 7,0 m) - Rope clamp HK 12/16 - Header - Device to keep the rope away - Anchorage sling - Bag for accessories
	1	pc.	Descender Device AG 10 S EN 341 CE 0158 The AG 10 S has an additional manually operated brake that pauses the descent process (e.g. for avoiding an obstacle). Application f.e. rotor blade cleaning
	1	m	Core sheathed rope KM 9 mm as abseiling rope, assembled with steel triple lock carabiner

Climbing Devices

	1	pc.	Sling for prusik knot 9 mm, entire length 4,0m
	1	pc.	Anchorage sling AB 25, Length 0,8 m
	1	pc.	Belaying and abseiling device „abseiling eight“
	1	pc.	Alternative to above: Belaying device
	1	set	Set for climbing sports – 65m consist of: 1 pc. Belaying and abseiling device abseiling eight 1 pc. Sling for prusikknot 1 pc. Anchorage sling AB 25, length 0,8 m 1 pc. Core sheathed rope KM 10 mm, length 65 m, double-sided manufactured with Alu B1 1 pc. Device backpack, small size
	1	set	Set for climbing sports – 75m consist of: 1 pc. Belaying and abseiling device abseiling eight 1 pc. Sling for prusikknot 1 pc. Anchorage sling AB 25, length 0,8 m 1 pc. Core sheathed rope KM 10 mm, length 75 m, double-sided manufactured with Alu B1 1 pc. Device backpack, small size

Product Data
Climbing Protection Glider AFG 5 with rotator
for wire rope Ø 8mm

Climbing Protection Glider AFG 5

Identification lable

Rotator

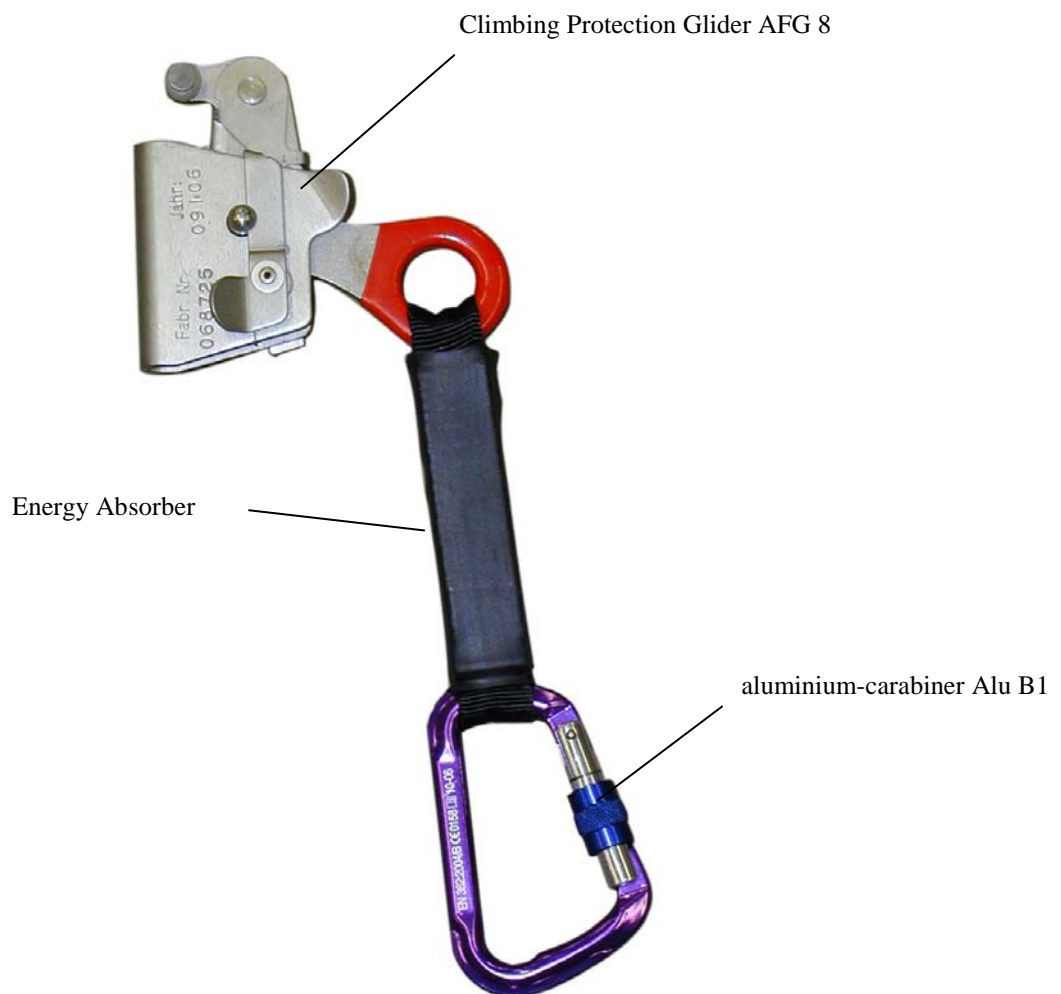
aluminium-carabiner Alu 235



Material of device housing: stainless steel
Material of rotator: stainless steel
Material of carabiner Alu 235: aluminium
Material of eccentric: steel

Weight: 1,1 kg

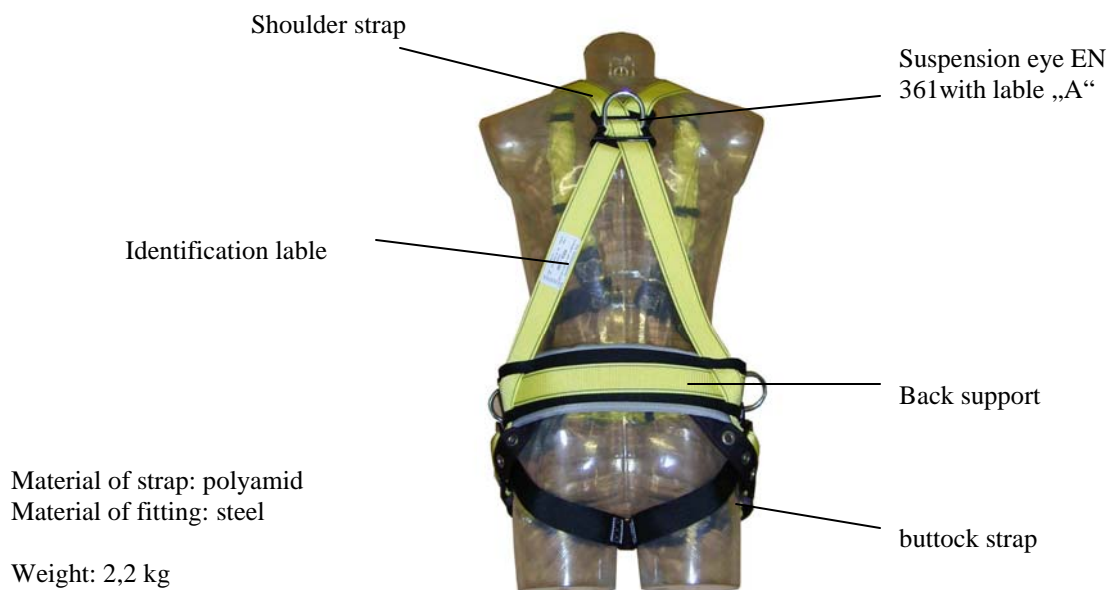
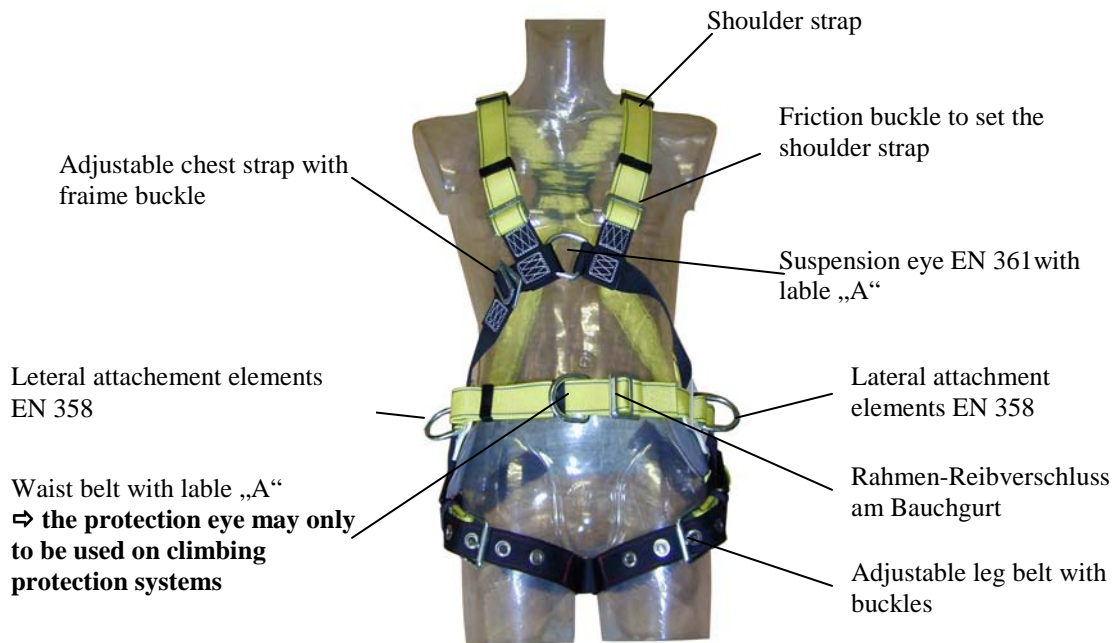
Product Data
Climbing Protection Glider AFG 8
for wire rope Ø 8mm



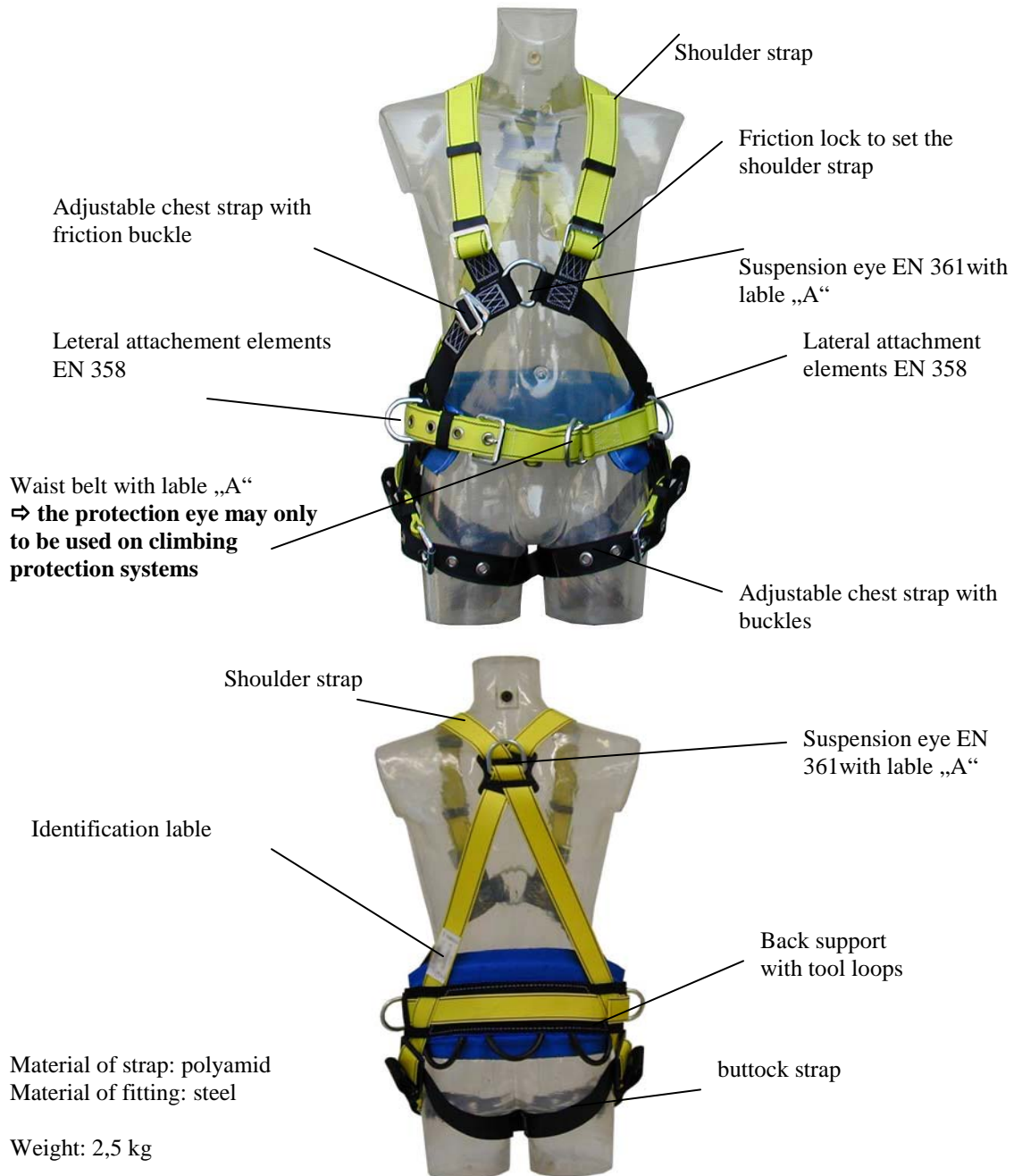
Material of device housing: stainless steel
Material of Absorber: polyamid
Material of carabiner Alu B1: aluminium

Weight: 0,8 kg

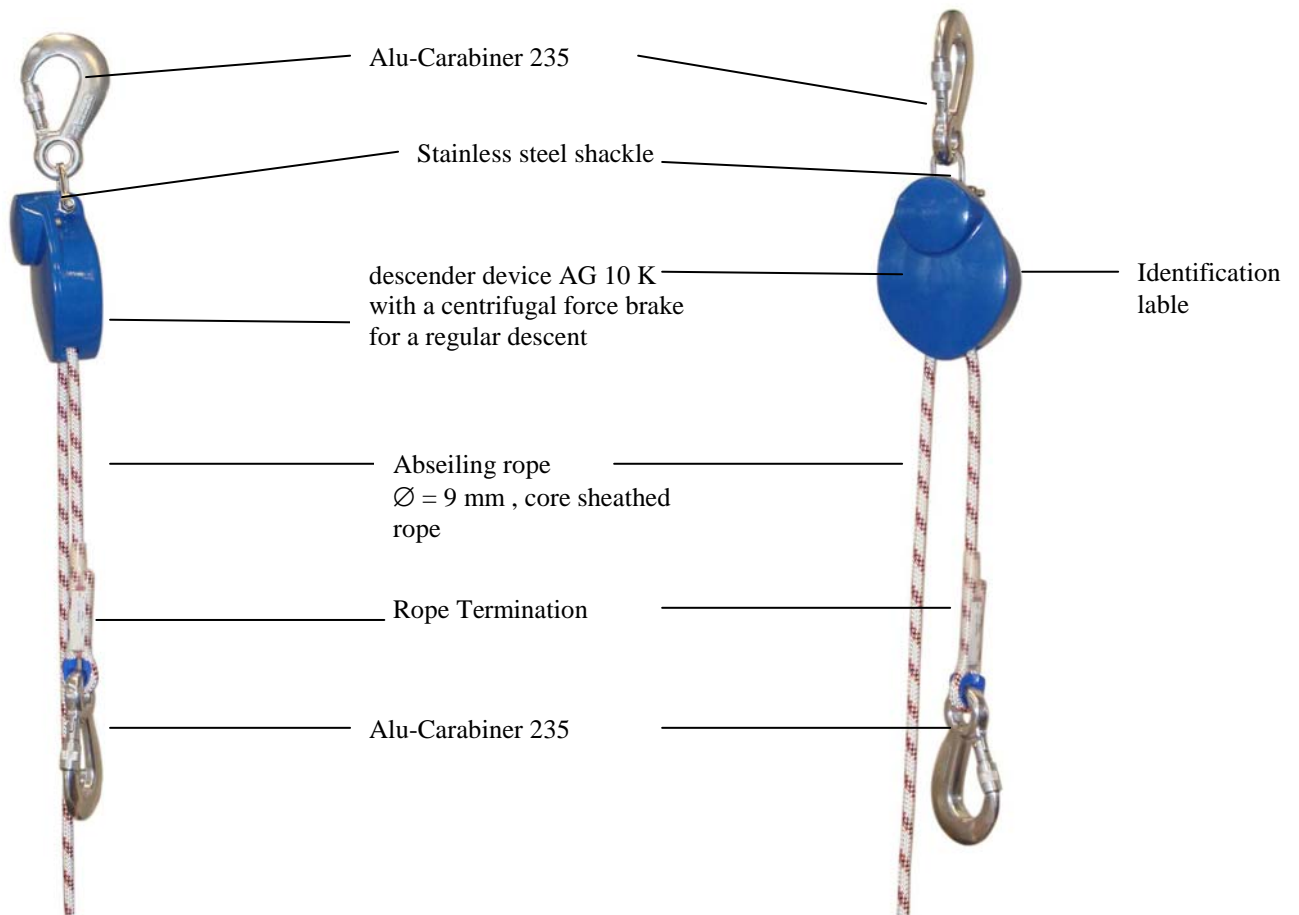
Product Data
Full Body Harness RKA UNI
EN 361 / EN 358 CE 0158



Product Data
Full Body Harness RKA UNI EDS
EN 361 / EN 358 CE 0158



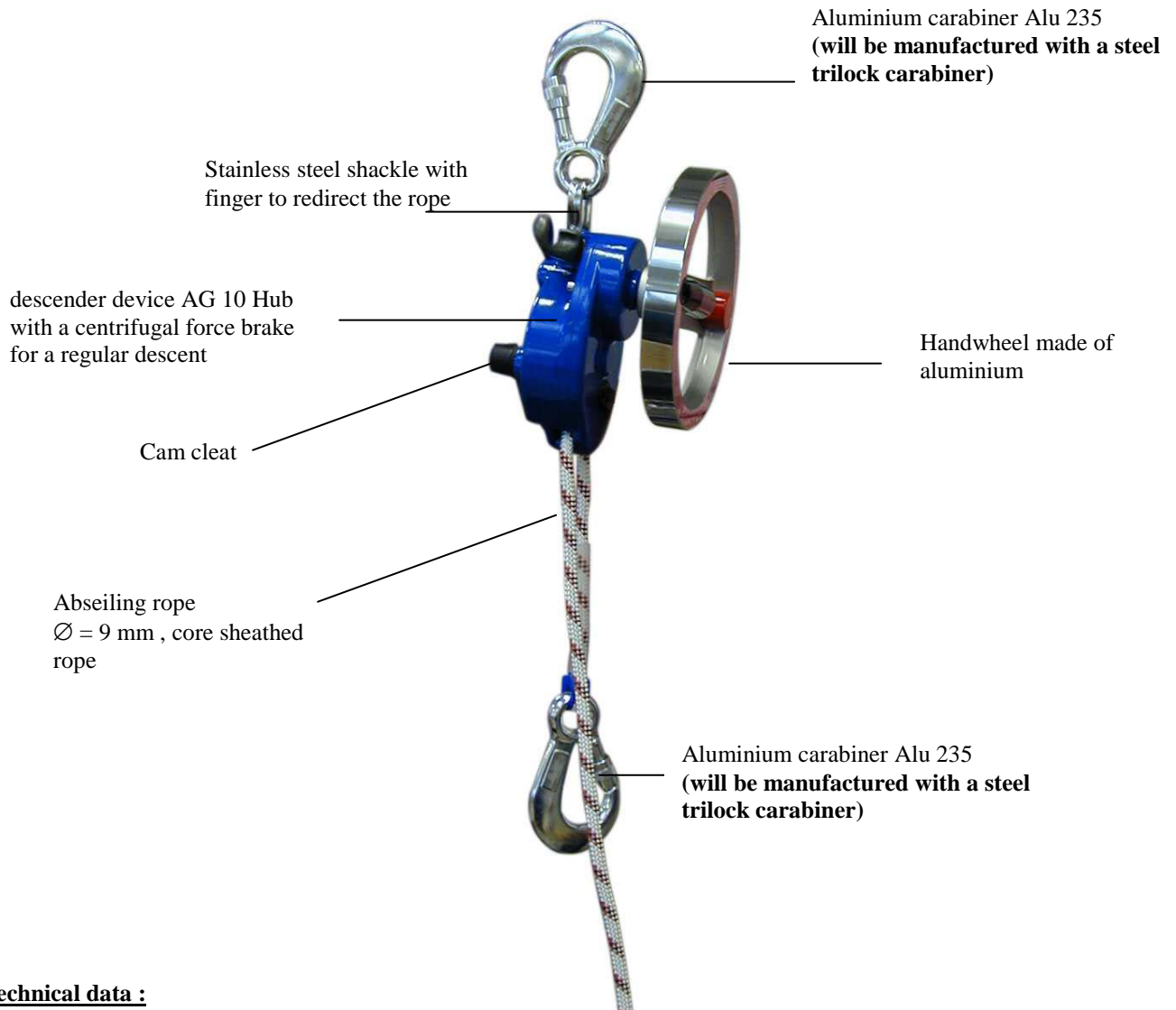
Product Data
AG 10 K



Technical data :

Device class	:	A
Permitted descent height	:	max. 200m
Permitted descent height for 2 persons	:	max. 125m
Max. descent load	:	150kg
Max. descent load for 2 persons in emergency case	:	225kg
Descent speed:	:	0,7m/s
Weight:	:	1,2 kg (withour rope)
Material of device housing: aluminium casting		
Material of carabiner: aluminium		
Material of shackle: stainless steel		

Product Data
AG 10 Hub A



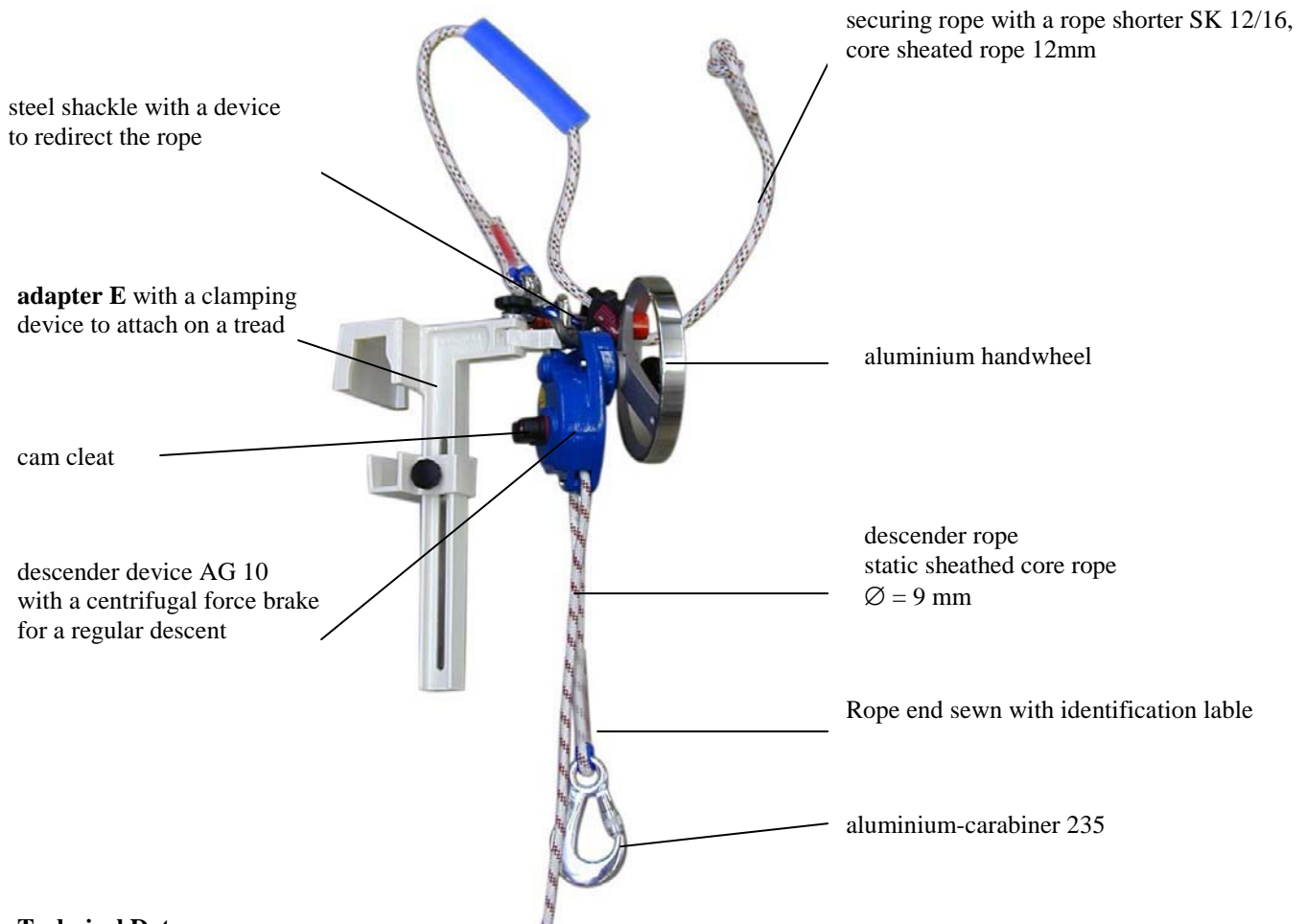
Technical data :

Device class	:	A / 1	Material of device housing: aluminium casting
Permitted descent height	:	max. 400 m	Material of handwheel: Aluminium
Permitted descent height for 2 persons	:	max. 100 m	Material of carabiner: aluminium
Max. descent load	:	150 kg	Material of shackle: stainless steel
Max. descent load for 2 persons in emergency case	:	225 kg	Weight: 3,2kg
Maximum housing load	:	150 kg	
Descent speed	:	0,7m/s	

Product Data
AG 10 Hub E Set
with 130 m Abseiling rope

consists of:

- Decender Rescue Device AG 10 Hub
 EN 341 / EN 1496 CE 0158
 with adapter E for ladder / rail and work positioning rope SK12/16
- Instruction for use
- Device rucksack
- Core sheathed rope 9 mm manufactured as abseiling rope with carabiner Alu 235, Length 130m



Technical Data

Device Class:	A	Material of device housing: aluminium casting
Permitted abseiling height:	max. 400m	Material of handwheel: aluminium
Permitted abseiling height for 2 persons:	max. 100m	Material of carabiner: aluminium
Max. abseiling load:	150kg	Material of shackle: stainless steel
Max. abseiling load for 2 persons:	225kg	Material of bracket: aluminium casting
Abseiling speed :	Standard 0,7m/s	Weight without supporting rope: 4,7kg

9mm Core sheathed rope / Abseiling rope
EN 1891 CE 0158 form A with stitched rope terminations



Example for a rope termination with a aluminium trilock carabiner

Technical data:

Material:	Polyamid
Make:	core sheathed rope, double webbed
Measurement:	diameter 9 mm
Melting point:	215-260 °C
Resistance to short term heat:	130 °C
Breaking strength without rope termination:	20 kN
Breaking strength with stitched rope termination:	17 kN

Product Data

Work Positioning rope, Length 1 m

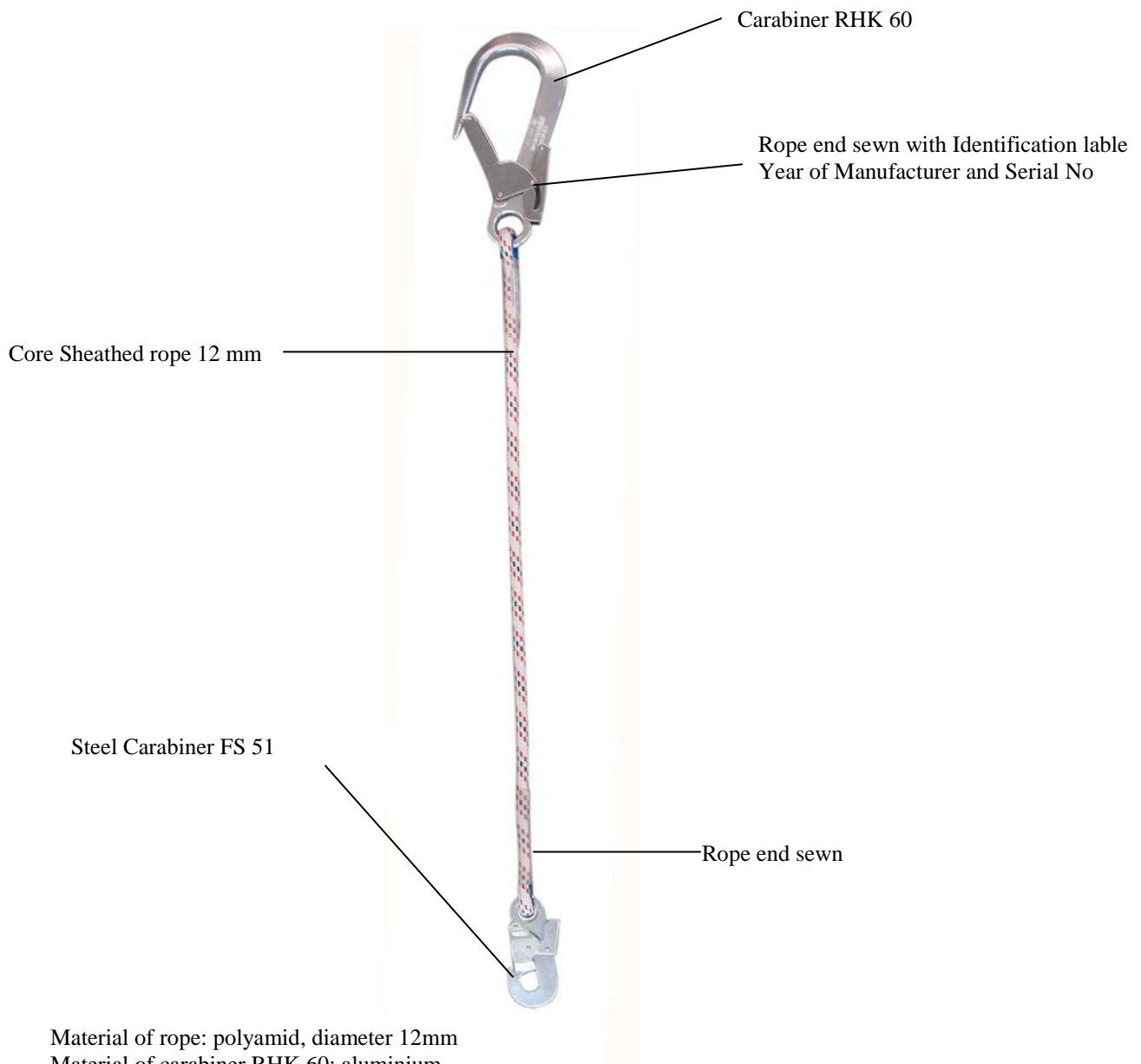
RHK60-KM12/1,0m-FS51

EN 358 CE 0158

Description

Core Sheathed rope 12 mm

Length 1,0m, manufactured with Alu Carabiner RHK60 and Steel Carabiner FS51



Material of rope: polyamid, diameter 12mm

Material of carabiner RHK 60: aluminium

Material of carabiner FS 51: steel

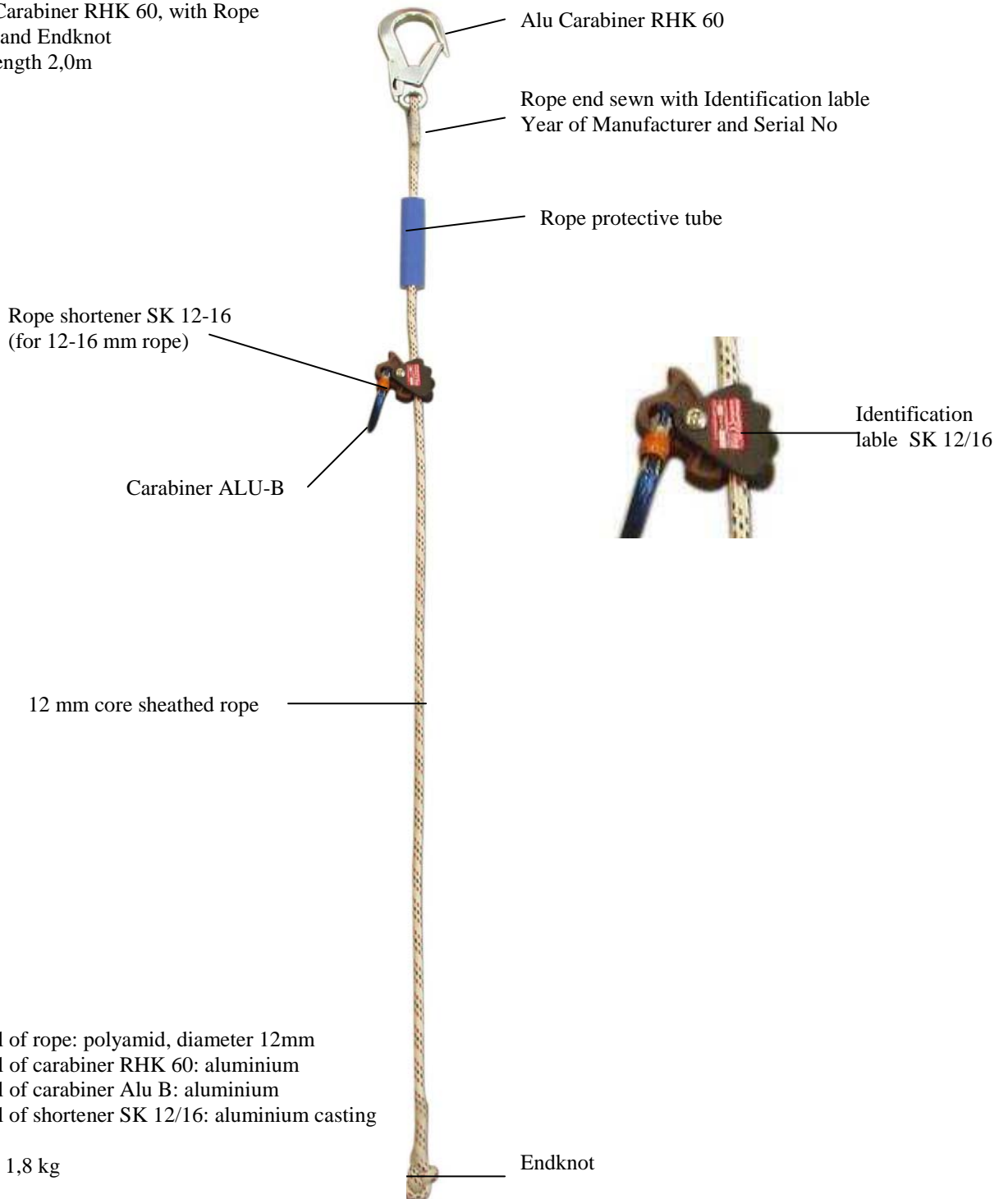
Weight: 1,2 kg

Product Data

Work Positioning rope, Length 2 m
RHK60-SK12/16-2,0m-EK
EN 358 CE 0158

Description

Core Sheathed rope 12 mm manufactured with Alu Carabiner RHK 60, with Rope Shortener and Endknot
 Standardlength 2,0m



Material of rope: polyamid, diameter 12mm
 Material of carabiner RHK 60: aluminium
 Material of carabiner Alu B: aluminium
 Material of shortener SK 12/16: aluminium casting

Weight: 1,8 kg

Product Data
Energy Absorber BFD S
EN 358 CE 0158

Consists of:

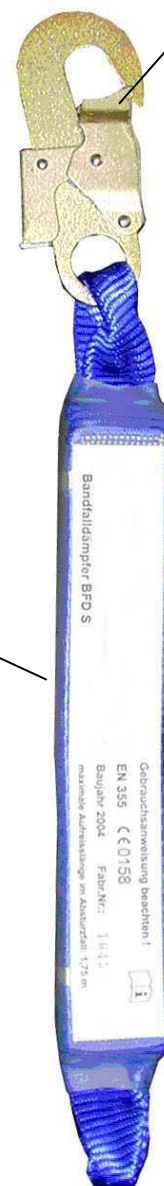
- Carabiner FS51 or Alu 235
- Energy Absorber BFD S

Technical Data:

Material: packed strap 45 mm
 Measurement: 45 cm x 0,45 cm
 maximum length of tearing open: 1,75 m

Carabiner FS 51

Energy Absorber BFD S



Material of carabiner FS51: steel
 Material of strap: polyamid

Weight: 0,8kg