

Electrical Short- and LongLines – the basics

Overview

Primary Cargo Hook Master Link
DB Special Fittings

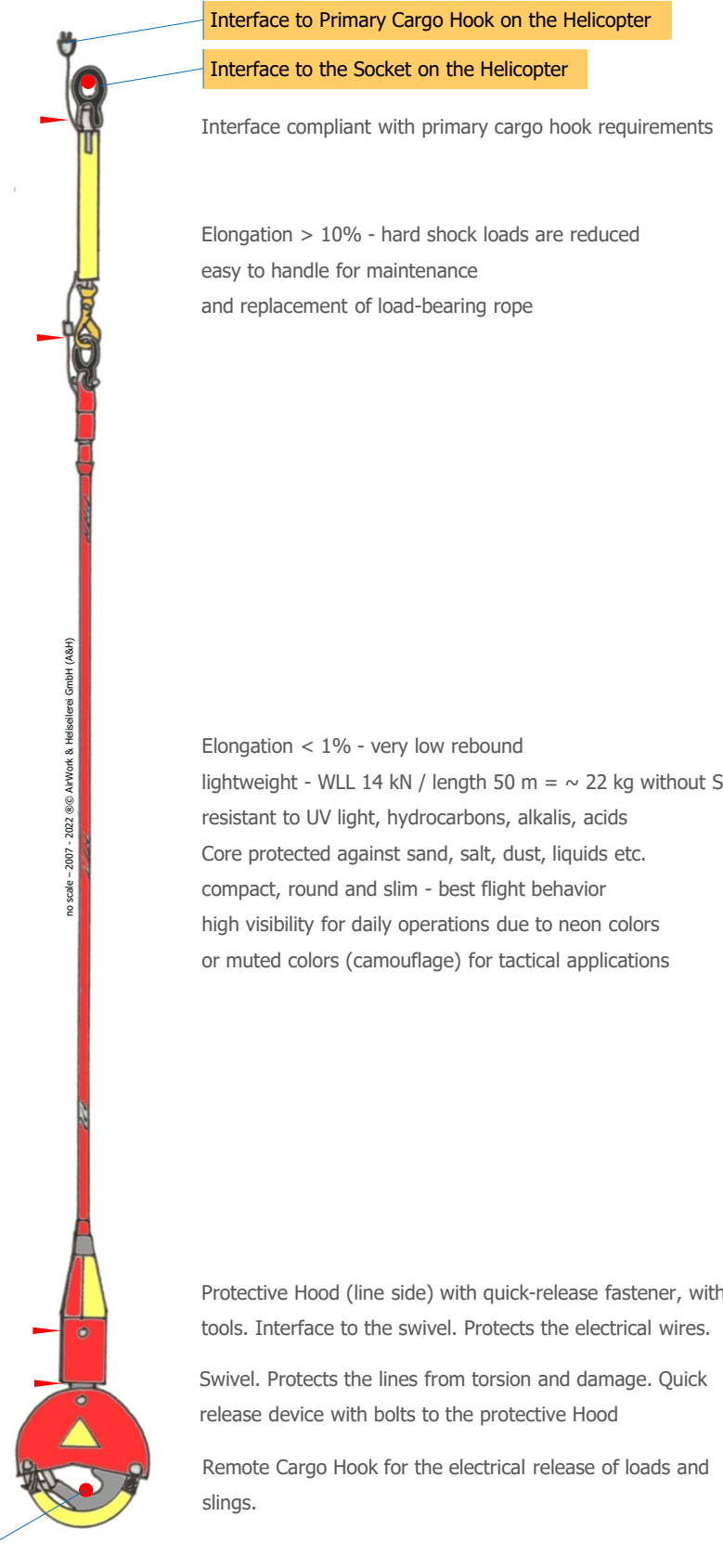
Shock Absorber
DB Shock Absorber

Transport Short- and LongLine
DB SL-LL

Ask for compliance with regulation/requirements

- Machinery Directive 2006/42/EC
- DGUV Information 214-911
- EASA CS-27/29
- STANAG 3542
- Other

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no scale - 2007 - 2022 © AirWork & Heliseilerei GmbH (A&H)

The flying lines from A&H Equipment - feel experience and safety.

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MD 2006/42/EC

NATO NCAGE SAC17

EASA Part 21 G POA - CH.21.G.0022

ISO 9001:2015

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Questionnaire I

Is very helpful for a quick clarification of your needs

1 Helicopter

what type of helicopter do you fly (e.g. AS350B3, BELL 407, ...)?

2 Primary Cargo Hook

which type of primary cargo hook is installed (e.g. Onboard 258-020-11, ...)?

3 Load

what is the permissible payload of the primary cargo hook system (e.g. 1400 kg)? Please send us the AFM SUPP to PCH installation

4 Limitations

are there any limits? If yes, which?

5 Engagements

what types of operations do you want to carry out?

- HESLO 1 HESLO 2 HESLO 3 (Logging included)
- HESLO 3 special logging (cut down standing trees)
- Government Military Support Fire Fighting
- Disaster Management other

6 Length of Short- or LongLines

What length do you want to fly (minimum – maximum)?

7 Visibility

Do you want good visibility or muted colors (camouflage)?

8 Colors

what color of rope do you want?

- Neon Green (standard)
- red (R), red/withe (R/W), yellow (Y)
special colors with 10% surcharge
- muted colors olive (OL), grey (GR), black (BK)
with
15% surcharge

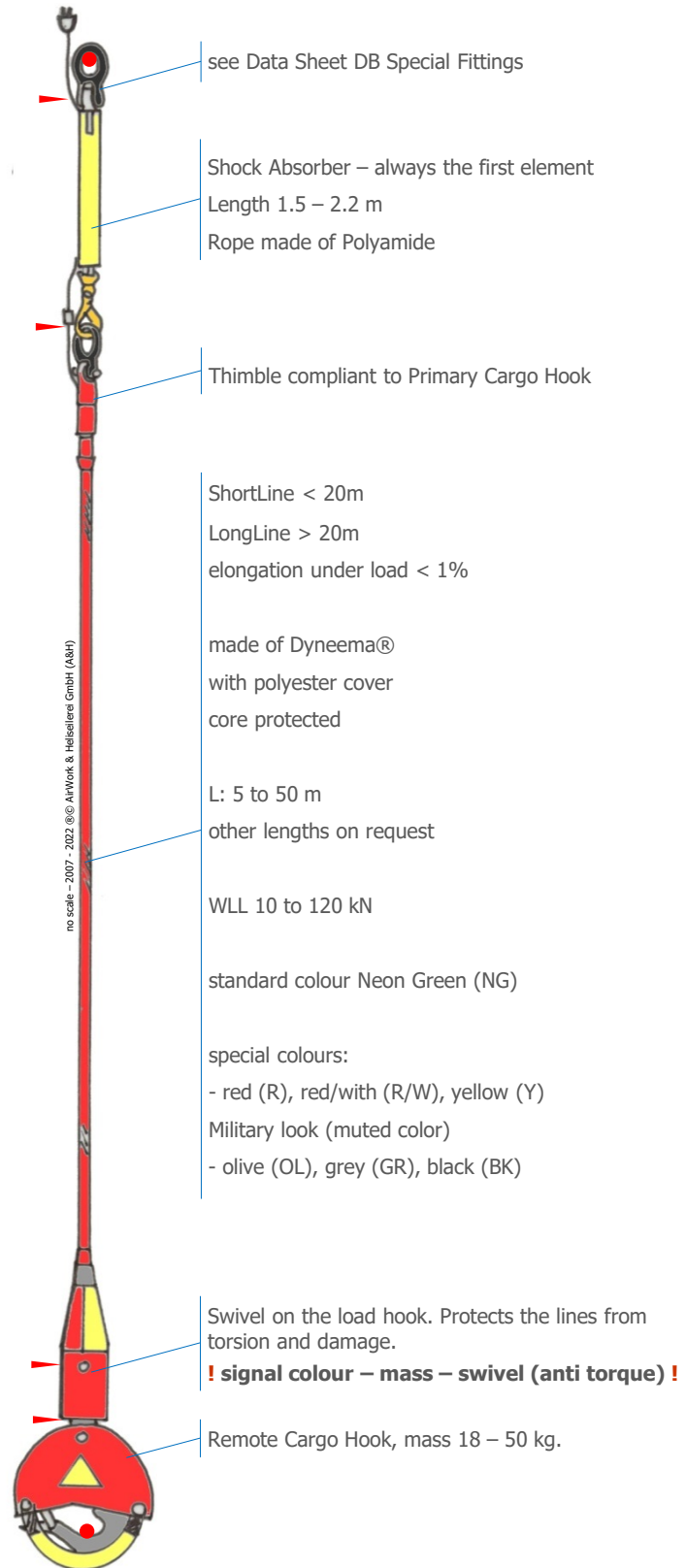
9 Special Requirements

Do we have to consider any other special requirements?

10 other needs or questions?

Technical Features I

The most important key data



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Questionnaire II

Is very helpful for a quick clarification of your needs

11 Plug and Socket

Which type of connector do you prefer (please specify the type as precisely as possible)?



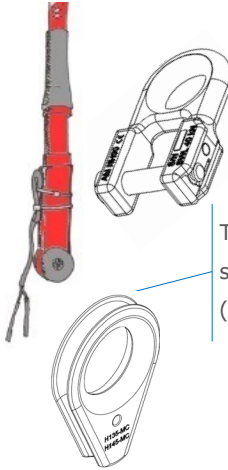
robust plugs and sockets with 4 pins electric spiral cable 2 – 8 pins

12 Uper Line End

you can choose between a casted head and a thimble

13 Bottom Line End

you can choose between a casted head and a thimble (for a Hood, we select a casted head)



Thimble V4A or 1.4301, milled, special designs forged (e.g. AM_KAU_NH90)

14 Line Extension

you have the possibility of 3 extensions:

- cast to protective hood
- thimble to protective hood
- thimble to safety hock

15 Extension Fittings

in combination with a Short- or LongLine with Hood, you can supply and operate a Bambi bucket or other device electrically (without swivel)



28 VDC, 16 A (impulse)
3 % elongation
Up to 120 m LongLine
Details see DB SL-LL

16 Electrical Wire

you have the choice between 3 standard electrical wires: 4 x AWG16 or 4 x AWG14. We can talk about all other requirements.



EN 1677, Grad 10

17 Safety Hooks

we equip all thimbled ropes with safety hooks

18 Remote Cargo Hooks

we are open to many solutions. Here, too, the goal is: Conformity with the Machinery Directive 2006/42/EG (Europe)



19 Bags and Sleeve

choose from a large selection of bags and sleeve. We also manufacture special solutions on request

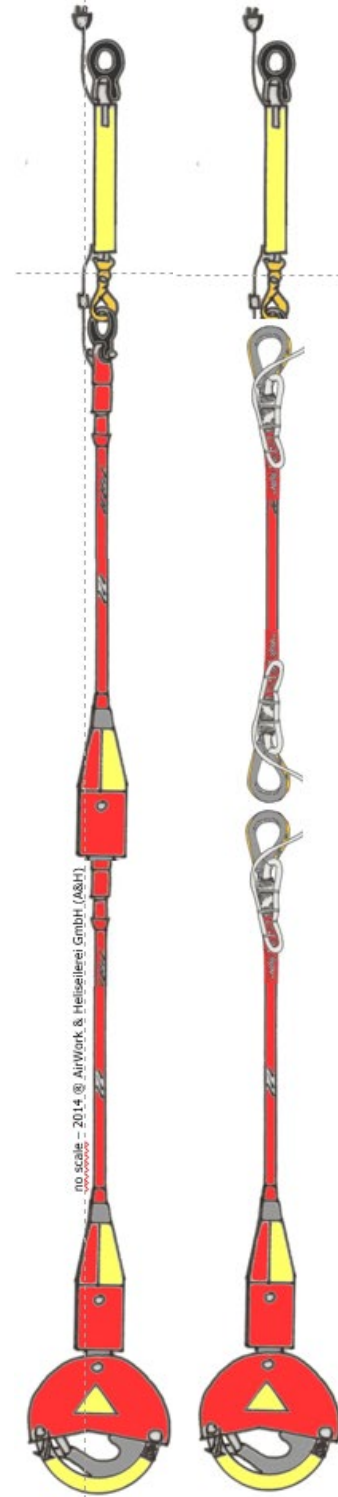


20 Special needs

Do we have to consider any other special needs?

Technical Features II

The most important key data



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Your choice – our offer

The flying lines from A&H Equipment – what else?

Helicopter model: _____, WLL _____, Customer (KZK): _____, AD: _____

Offer position 1
Primary Cargo Hook Master Link
 DB Special Fittings

Offer position 2
Shock Absorber
 DB Shock Absorber

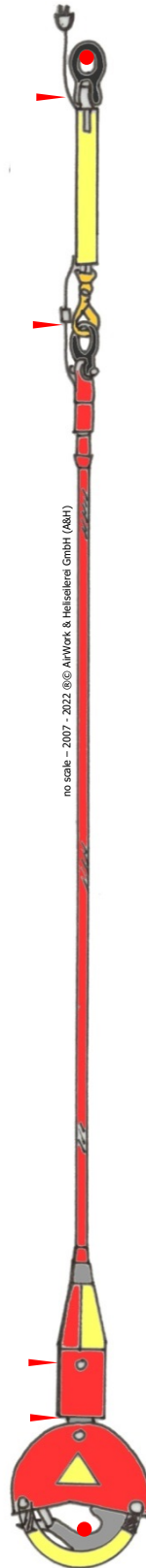
Offer position 3
Transport Short- and LongLine
 DB SL-LL

Offer position 4
Hood

Offer position 5
Swivel

Offer position 6
Remote Cargo Hook

Offer position 7
Slinging Equipment



Article: _____
 P/N: _____

Article: _____
 P/N: _____

Article: _____
 P/N: _____

Article: _____
 P/N: _____

Article: _____
 P/N: _____

Article: _____
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Article: _____
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Article: _____
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Article: _____
 P/N: _____

Article and P/N see offer

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