

Manual 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

Load Element
DB SLE

Interface to Primary Cargo Hook of Helicopter

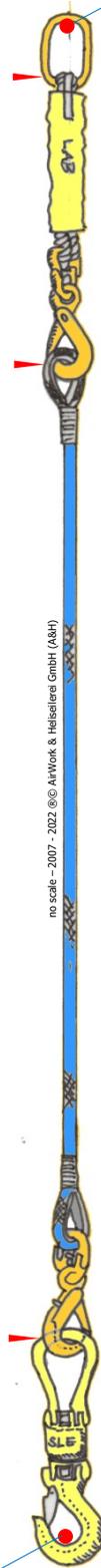
Interface compliant with primary cargo hook requirements

Elongation > 10% - hard shock loads are reduced
easy to handle for maintenance
and replacement of load-bearing rope

Elongation < 1% - very low rebound
lightweight - WLL 14 kN / length 50 m = ~ 12 kg
resistant to UV light, hydrocarbons, alkalis, acids
Core protected against sand, salt, dust, liquids etc.
compact, round and slim - best flight behavior
high visibility for daily operations due to neon colors
or muted colors (camouflage) for tactical applications

Remote cargo Hook with swivel, high mass and signal colour
for a safe flight even with an unloaded rope
the rope is easy to guide with a heavy load element

Interface to various Slings or traffic Loads



Ask for compliance with regulation/requirements

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

FON 0041 41 420 49 64 A&H Engineering
ragoni@air-work.com

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

AirWork & Heliseilerei GmbH (A&H)
A&H Equipment
Bahnhofweg 1 | CH-6405 Immensee
0041 41 420 49 64 - office@air-work.com



MD 2006/42/EC

NATO NCAGE SAC17

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

ISO 9001:2015

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Questionnaire

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 (without Logging)
- 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 (Default)
- Blue (B), red (R), green (G), yellow (Y) (special colors with 10% surcharge)
- muted colors olive (OL), grey (GR), black (BK) with 15% surcharge

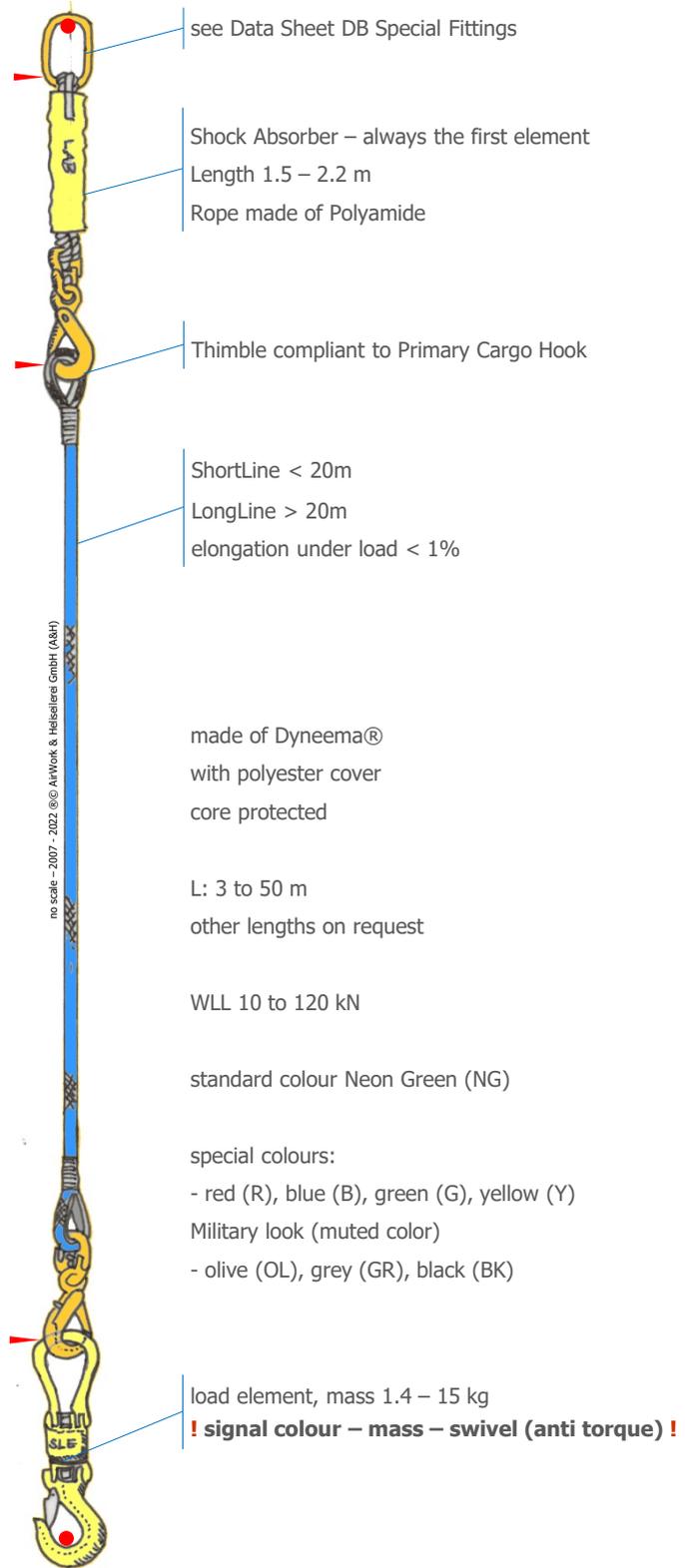
9 Special Requirements

Do we have to consider any other special requirements?

10 other needs or questions?

Technical Features

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: _____

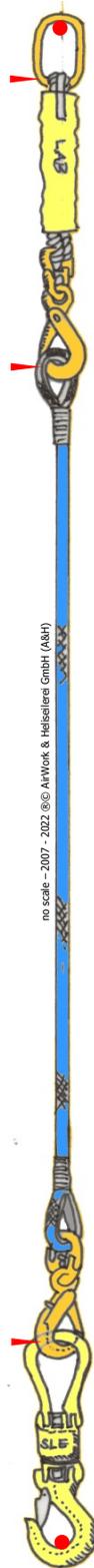
Offer position 1
Primary Cargo Hook Master Link
DB Special Fittings

Offer position 2
Shock Absorber
DB Shock Absorber

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

Offer position 4
Load Element
DB SLE

Offer position 5
Slings Equipment



Article: _____
P/N: _____

Article and P/N see offer

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