PRODUCT INFORMATION & INSTRUCTIONS FOR USE

EBPK – ELECTRONIC LOAD TEST CONE

For standard-compliant distance and load testing of side rails on medical beds.

TESTING ACCORDING TO
DIN EN 60601-2-52
DIN EN IEC 80601-2-52

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DISTANCE CHECK ON SIDE RAILS

TESTING ACCORDING TO
DIN EN 60601-2-52
DIN EN IEC 80601-2-52

By definition, openings and areas must not be larger than 120 mm and must withstand testing with a defined test cone under application of a test force.

The test is considered passed if the cone could not be pulled through the opening or area being tested. The test must be carried out at the weakest point, or at several positions on the side grille if necessary.

This is how it works:

SWITCH ON

Switch on the rocker switch depending on the test force.
I = **50N** and **II**=**250N**

CHECK

Place the test cone in the appropriate position and **pull on the handle to apply load.**

DONE

An acoustic signal confirms that the test force has been reached. If the test cone has not been pulled through, the test has been passed.

Product information & instructions for use EBPK.
We reserve the right to make technical changes to the design and functions.

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Testing equipment for distance and load testing on side rails

DIN EN IEC 80601-2-52:2026-01
(VDE 0750-2-52):2026-01
250N Draft

+

DIN EN 60601-2-52
(VDE 0750-2-52):2016-04
250N valid since 01.12.2010

+

DIN EN 60601-2-38
(VDE 0750-2-38):2001-01 201.9.1.101
50N valid until 01.04.2013

The test force to be set depends on the standard according to which the bed to be tested was manufactured.
See Table 201.101 – Protection against patient entrapment.

Safety distances A DIN EN60601-2-52 Figure 201.107 and Figure 201.108

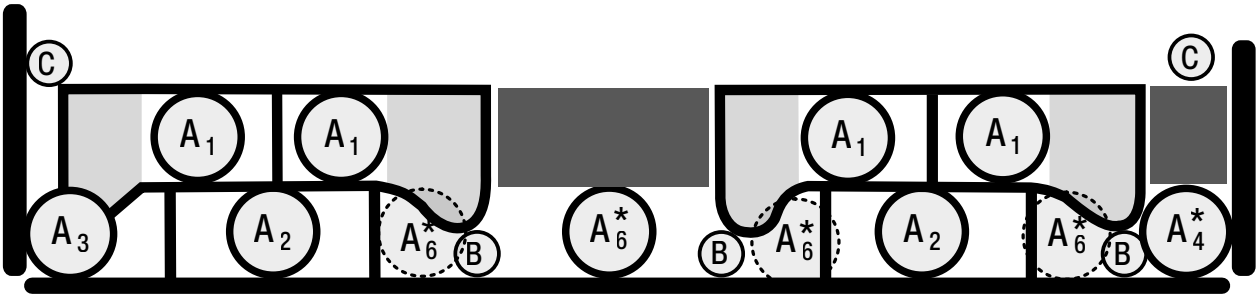

Bild 201.107

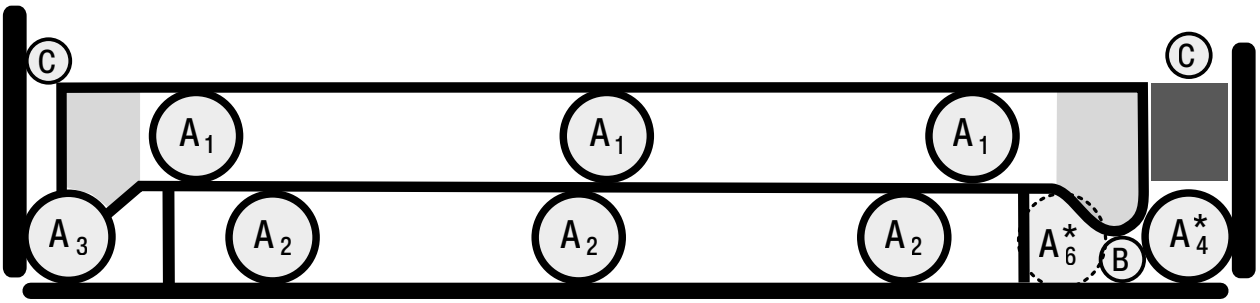

Bild 201.108

< 60 mm C B or > 318 mm otherwise applies — A* 120 mm + test force 250N or 50N — at least A

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Package contents

+ Test cone in protective case
+ Gauge for distance testing
+ Operating instructions
+ Test certificate

Technical specifications

– Microprocessor-controlled evaluation electronics
– Test forces 50N and 250N selectable
– Internal force measurement unit
– Service depends on the number of tests performed
– made of aluminium
– Battery operation 9 V

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QUESTIONS AND PRODUCT INFORMATION

BY E-MAIL

We will be happy to provide you with a personalised quote. Simply send us your enquiry by e-mail to:

info@dibucare.de

BY TELEPHONE

If you have any further questions about the product, please do not hesitate to contact us by telephone on

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