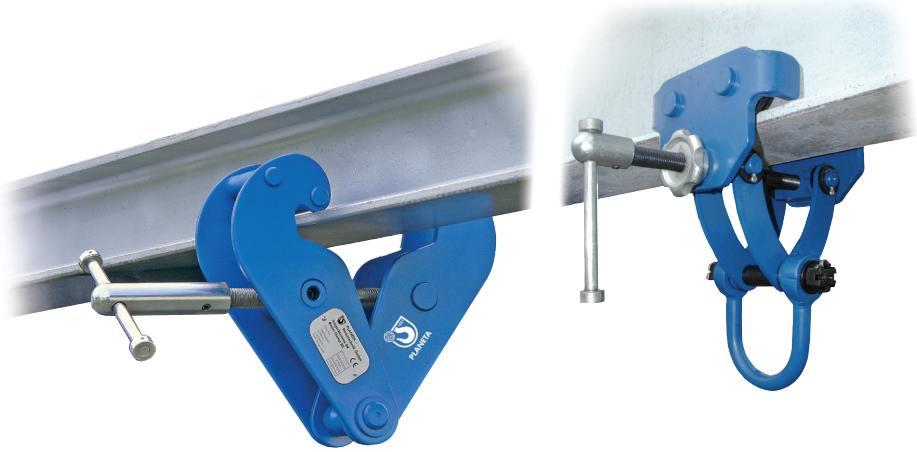
PLANETA
Heben ohne Grenzen

Operation and Maintenance Manual

Beam Clamp BK and Trolley BR

Installation - Operation - Maintenance



IMPORTANT – READ PRIOR USE!

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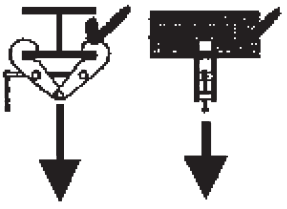
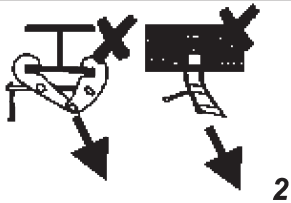
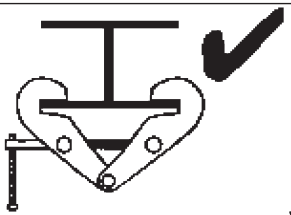
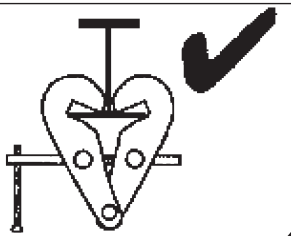
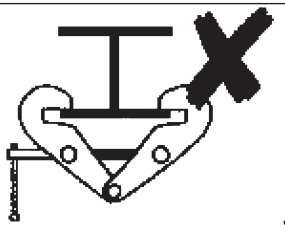
SAFETY

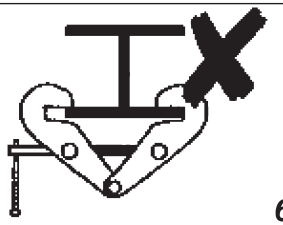


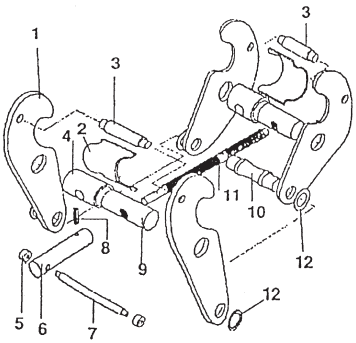




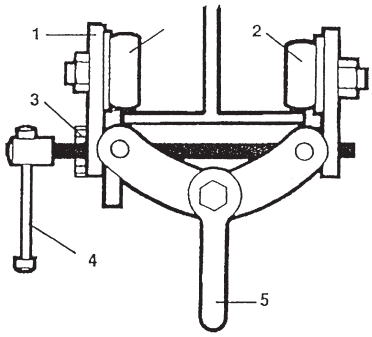








Trägerklemme BK



Träger-Rollklemme BR

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1. Generally

Beam Clamp BK and Trolley BR

Available in the following capacities:

Type	Load capacity in kg	Flange width im mm
BK – 10	1000	75-230
BK – 20	2000	75-230
BK – 30	3000	80-320
BK – 50	5000	90-320
BK – 100	10000	90-320
BR – 10	1000	64-203
BR – 20	2000	76-203
BR – 30	3000	76-203
BR – 50	5000	100-305
BR – 60-S	6000	75-200

2. Important Notes

- Read instruction and make it available to operators on the device before using it.
- Operator must be instructed properly with the device. Never leave the device under load unattended!
- Never exceed carrying capacity indicated on the name plate. Do not draw any pull and lifting ropes or chains respectively over angles.
- Do not transport persons or loads with the product over areas below which persons could be staying.
- Device must be checked once a year by a technical expert, in case of harder operating conditions more often. Ask your retailer or PLANETA. The enterpriser is liable in case of damages and has to provide test certificates.
- Check the device regarding damages, unfastened screws or twists before using it and eliminate failures.
- Repair works on PLANETA hoisting devices shall only be carried out by the manufacturer or an instructed repair shop respectively by using PLANETA spare parts.
- Check load carrying constructions, load securing devices, mountings, cross beams etc. regarding load carrying capacity and condition of the required loads by a technical expert.

– Non-observance of the instruction, improper use, and corrosion by insufficient protection or product alterations without authority result in the expiry of the warranty.
– Risk of corrosion in case of continuous contact with unfavourable atmospheric conditions as for example high humidity or harmful environmental influences as for example atmospheres with acid vapours, corrosive gases or high dust concentration cause early wear. This effectuates no claim under warranty.

3. Security advices

– Never use beam clamp unless securely fastened to girder or structure.
– Always make sure beam, girder or structure is suitable for beam clamp and that safe working load has been applied.

4. Assembly advices before initiation

– The jaws of the clamp may be opened and closed by turning the threaded bar accordingly.
– Make sure the beam clamp has the correct size, capacity and beam span for the beam, girder or structure to be used.
– When attaching to beam or structure, ensure that the jaws are seated correctly and adequately tightened.

5. Operation

When you follow strictly this manual, you can use the beam clamp for attaching lifting material with the same load bearing capacity.

Special Notes BR-Trolley

– Open the head spindle till the wheels fits over the beam.
– Close the spindle till the wheels are laid full on the beam. Please leave 1-2 mm clearance between the flanges of the wheels and the edge of the flange.
– Please tighten the safe nut now against the side plate.

6. Maintenance and inspection

– Depending on use, all moving parts including the threaded bar, should be greased once or twice yearly.
– During this procedure, check if all components are free of distorsion, wear or corrosion and ensure the clamp functions smoothly.

7. Spare Parts

BK-Clamp: 1. Clamping plate **2.** Clamping jaw **3.** Support pin **4.** Fitting pipe **5.** Nut **6.** Cross handle **7.** Handle **8.** Spring pin **9.** Bolt **10.** Hanging beam **11.** Screw bar **12.** Washer

BR-Trolley: 1. Side plate **2.** Wheel **3.** lock nut **4.** spindle **5.** shackle

CE

EC-Declaration of Conformity
In the sense of 2006/42/EC Guidelines, Appendix II A

Herewith we declare,

PLANETA-Hebetechnik GmbH, Resser Straße 17, D-44653 Herne

that the product

Beam clamp	**Type BK & BR**
Capacity	**1.000 kg – 10.000 kg**
Trolley	**Type BR**
Capacity	**1.000 kg – 5.000 kg**

which was developed for lifting and lowering of loads, in the standard version, including load capacity control, is intended for installation in a machine and meets the basic requirements for the following EC directives, as applicable for the delivered scope:

EG-Maschinenrichtlinie 2006/42/EG

Authorized for the compilation of the relevant technical documentation:

Dipl.-Ing. Matthias B. Klawitter, CE-Koordinator,
PLANETA-Hebetechnik GmbH, Resser Straße 17, D-44653 Herne

Herne,19.05.2016

PLANETA-Hebetechnik GmbH

Dipl.-Ing. Christian P. Klawitter
(Chief executive officer)

Is responsible for the completion, installation and commissioning according to the manualresponsible:

Location: ..... Date: .....

Responible for: .....

Company: .....

Factory Test Report

Order number: .....

Date of order: .....

Device type: .....

Load capacity: .....

Serial number: .....

– Has worked flawlessly on the dynamometer with 50% overload.
For the stop rope / chain is present report.

Date: .....

Examiner: .....

Mandatory periodic testing

Date	Examination	Examiner	Findings

PLANETA
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Your in charge of supplier:

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