

certificate
no. **MHHW 09 002**
dated **14.10.2011**

Translation

DGUV Test Certificate

Name and address of the holder of the certificate: (customer): HERION Systemtechnik GmbH
Untere Talstraße 65
71263 Weil der Stadt

Name and address of the Manufacturer: see above

Product designation: **Hydraulic clutch/brake combination with integrated restraint device**

Type: KB 40/2 • KB 80/2 • KB 100/2 • KB 180/2 • KB 300/2

Intended purpose: Installation into mechanical presses in acc. with DIN EN 692 or similar working machinery

Testing based on:

- GS-MHHW-01 "Principles for the testing and certification of presses", version 03.2011
- GS-MHHW-02 "Principles for the testing and certification of mechanical restraint devices to be fitted to presses for the working of metal or to injection moulding machines", version 05.2009
- DIN EN 692 "Machine tools - Mechanical presses - Safety".

Test report: No. 045/2011 dated 14.10.2011

Remarks/
specific aspect:

- The machine manufacturer shall select the hydraulic clutch/brake combination with integrated restraint device such that, in the "worst case", at least 1,5times the load moment can be supported by the integrated restraint device in new condition; he shall provide an automatic overrun monitoring device.

Follow-up certificate of MHHW 09 002 dated 08.04.2014.

The type tested meets the requirements specified in article 4 para. 1 of the German Equipment and Product Safety Act. Thus, the type also complies with the provisions laid down in the directive 2006/42/EC (**Machinery**).
The holder of the certificate is entitled to affix the DGUV Test mark shown overleaf to the products complying with the type tested, including the specification given under the heading 'remarks'.

The present certificate including the right to affix the DGUV Test mark is valid until:
13.10.2016.

Further provisions concerning the validity, the extension of the validity and other conditions are laid down in the Rules of Procedure for Testing and Certification of September 2010.



signed Heinke

(Dipl.-Ing. Heinke)

Postal address: Postfach 10 10 15 • 40001 Düsseldorf •
Office: Graf-Recke-Str. 69 • 40239 Düsseldorf

Phone +49(0)211 8224-827 • Fax +49(0)211 8224-866 • E-Mail: pz-mhhw@bghm.de • www.bghm.de



DGUV Test mark



1) no. of certificate

Where additional details are given on the certificate, the DGUV Test mark must be supplemented by additional wording reflecting said details. In such cases, the mark may look slightly different from the image shown here.