

KTR product innovation: hydraulic clamping and brake system with a failsafe function

Rheine, 10 July 2015. KTR has developed a clamping system that is able to clamp both axial forces and torque. In emergency cases it is even able to brake. The passive clamping and brake system KTR-STOP[®] NC is hydraulically driven and offers a multifunctional use. KTR will exhibit this novelty at Motek in Stuttgart (hall 8, stand 8204) and EMO in Milan.



Homepage www.ktr.com



Image: KTR-STOP® NC

The passive clamping and brake system KTR-STOP[®] NC clamps the shafts from ball screw drives, linear drives or bar guides, holding tool tables and work pieces in place. The clamping increases the system stiffness and reduces vibrations ensuring an accurate manufacturing process. Additionally, the system offers a failsafe function: when unplanned loss of hydraulic pressure or an engine failure occurs the NC assumes the function of a brake and closes within milliseconds.

The robust and compactly designed KTR-STOP[®] NC can be used as an integrated solution between engine and spindle or as a plug-in system at the end of the spindle.

The new clamping and brake system is available in size 32 for shaft dimensions from 18 to 25 mm. The performance level includes a maximum holding torque

1/2

KTR Kupplungstechnik GmbH Rodder Damm 170 · 48432 Rheine Telefon: +49(0)5971 798-0 Telefax: +49(0)5971 798-698 u. 798-450 E-Mail: mail@ktr.com Internet: www.ktr.com

Bankverbindungen

Commerzbank AG Rheine 1 938 299 · BLZ 403 400 30 Deutsche Bank AG Rheine 4014 692 · BLZ 403 700 79 Stadtsparkasse Rheine 50 476 · BLZ 403 500 05 Postbank Dortmund 19 349 - 467 · BLZ 440 100 46 Geschäftsführer

Prof. Dr. h. c. Josef Gerstner

Amtsgericht Steinfurt, HRB 3688 USt-IdNr.: DE 811295751





PRESS RELEASE

of 110 Nm as well as a maximum holding force of 8,800 N. The dimensions of this series are 96 x 96 x 86 mm with a weight of 5.5 kg. Further sizes with a higher performance level are being planned.

PR contact Stefan Holtkoetter Tel.: +49 (0)5971 798-292 Mail: marketing@ktr.com

Homepage www.ktr.com

Press Portal www.ktr.com/News/Press