

New development: Active fixed caliper brake

Rheine, August 27, 2015. **The brake specialists of KTR have developed an active fixed caliper brake whose pads can easily be replaced in assembled condition. On request the system can be designed with an automatic air gap regulation. The new series of the KTR-STOP® line generates clamping forces up to 203 kN and can be used in the low temperature range up to -40 °C. KTR is going to present the brake system at the HUSUM Wind (hall 5, booth C04) for the first time.**

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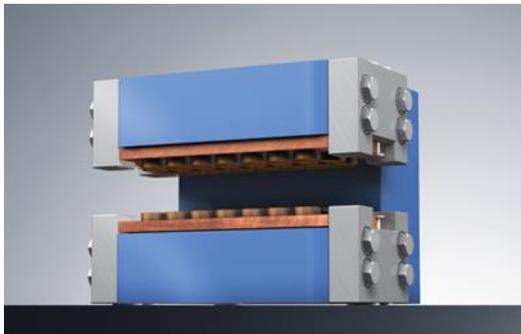


Image: New active fixed caliper brake in the size KTR-STOP® S-D

The active fixed caliper brake of the KTR-STOP® line is hydraulically driven and can be used both as an operating and as a stop brake. Its friction pads are available in “organic” or “powder metal” material and can easily be replaced in assembled condition. For this the side screws are loosened, the pad holders are removed and the pads are pulled out to the sides.

On request the brakes can be designed with an automatic air gap regulation (CAG system “Constant Air Gap”). It regulates the distance between pads and brake disk and thus keeps the reaction time of the brake constant.

At present the new series is available in the sizes KTR-STOP® S-D and KTR-STOP® M-D. With a weight of 68 or 76 kg the compactly designed high-performance brakes generate maximum clamping forces of 141 or 203 kN. The series is completely made from steel and can be used in the low temperature range of up to -40 °C.
