

Press Release

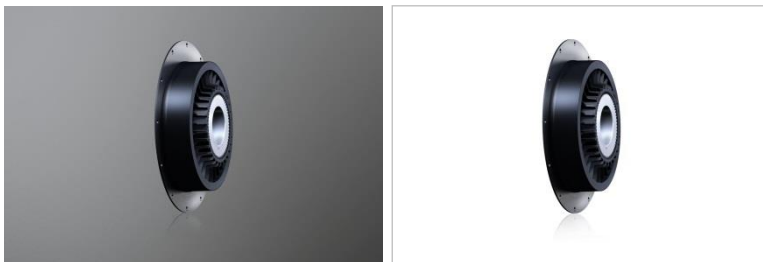
Highly flexible flange couplings in new sizes

Rheine, April 12, 2017 – KTR has extended the portfolio of highly torsionally flexible flange couplings of the BoWex-ELASTIC® HE line by two sizes. The new couplings are available in different Shore hardnesses and suitable for high-performance drives of up to 5,000 kW. KTR is exhibiting this coupling type at Hanover Fair 2017, hall 25, booth B26.

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The BoWex-ELASTIC® HE is a flange coupling with high torsional flexibility consisting of a circular elastomer. The rubber element is made of vulcanized natural rubber and stressed for torque-to-bore ratio. It reduces the torsional vibrations occurring in the drive train as well as the cumulative forces and, due to different elastomer hardnesses, the flange coupling can be adjusted to the respective application for a resonance-free operation. The plug-in coupling hub is designed according to the BoWex curved-tooth gear principle and compensates for axial, radial and angular shaft displacements. KTR has now expanded the BoWex-ELASTIC® HE line by the sizes 240 HE and 275 HE – making the coupling suitable for drives of up to 4,000 kW and 5,000 kW, transmitting torques of up to 32,000 Nm and 45,000 Nm. Possible application fields are gensets, pumps and compressors, as well as high-performance stationary and mobile drive systems.

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