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Press release for Bellow Couplings out of „stainless steel“

Picture: RW90329R

Text: E_SK2_SS_RW90329R.doc

Precision Safety coupling Series SK2 in Stainless Steel

Taking up the challenge for greater technical demands in modern machine design and construction, R+W has developed the unique patented Model **SK2** Safety coupling in Stainless Steel. Ideal for clean room or wash down applications in the packaging, food processing, and medical industries.

Torque overload protection is often overlooked in machine design until something jams resulting in expensive damage and down time. The R+W Series **SK2** safety coupling was developed specifically for this purpose. It uses a patented ball detent system that is absolutely backlash free and will disengage within 1 to 3 milliseconds when an overload is detected.

Four versions are available including a single position, multi-position, load holding, and free wheeling. These couplings are preset in the factory to a customer specified disengagement torque and can be adjusted in the field after installation.

These unique couplings are manufactured with a stainless steel bellow exhibiting very high torsional rigidity with zero backlash. An important feature of this design is the fact that the bellow can compensate for axial, angular, and lateral misalignment simultaneously.

The moment of inertia is also very low due to its low mass and low weight.

The **SK2** couplings are available for a torque range of 0.2 to 500 Nm (1.8 to 4,425 in. lbs.). Both shaft hubs are custom bored for shaft sizes of 4 to 60 mm (0.16 to 2.36 in.).

Contact R+W Antriebselemente GmbH at 0049/9372/98640 for more information or visit our website at www.rwcouplings.com