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News Release

Immediate Release For:

Rimtec Corporation

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**Rimtec HSV magnetic clutches
ensure smooth bottle capping**

Rimtec Corporation introduces its line of HSV permanent-magnet hysteresis clutches, which provide exceptionally smooth torque transmission with servo-quality overload protection for high-production bottle-capping applications.

The compact, stainless steel HSV magnetic clutch is designed as two magnet-lined cylinders that nestle together, but without physical contact. As one cylinder rotates, torque is produced in the opposing cylinder by the interacting magnetic fields across the air gap between the magnetic materials. When a bottle cap has been fully driven down, but the timing cycle has not yet ended, the torque becomes greater than the magnetic field and an overload occurs. The Rimtec clutch then disengages and slips, eliminating the risk of damage to the bottle and capping machine. When the overload is removed, the clutch re-engages.

(more)

Rimtec magnetic hysteresis clutches disengage on an overload without the abrasion and jerking that limit the wear life of conventional mechanical-type couplings. The overload torque setting is easily adjusted to accommodate differing products, cap sizes and styles.

The HSV clutches have no friction components to wear and produce contamination, making them ideal for use in food processing and clean-room packaging applications.

The line transmits torque from 2 to 90 lb-in (0.2 to 10.0 Nm). It is available in a threaded version or flange connection, as well as custom designs.

For more information, please refer to our website www.rimteccorporation.com or contact Vic Jha at Rimtec Corporation, 211 S. Lombard Rd, Addison, IL 60101.

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