Timken Brings Food and Beverage Makers Even More Corrosion-Resistant Bearing Options

Versatile deep groove ball bearings are ideal for improving safety and reducing spending in packaging and processing plants

NORTH CANTON, Ohio, Nov. 20, 2019 — The Timken Company (NYSE: TKR; www.timken.com), a world leader in engineered bearings and power transmission products, introduces Corrosion-Resistant Deep Groove Ball Bearings that give food and beverage makers even more options for improving machinery safety and efficiency while enjoying greater freedom from maintenance demands.

Timken already offers one of the broadest selections of food and beverage industry-specific bearings available. In new Timken® Corrosion-Resistant Deep Groove Ball Bearings, customers will find a stronger answer for meeting today’s stringent safety standards, and a long-lasting solution that helps avoid sudden shutdowns and costly changeouts that lead to lost production and overspending.

“Machines in many facilities are aging, upgrades are commonplace, and at times, equipment modifications can alter the dynamic stresses on bearings, making it crucial to assess your operating requirements,” said Drew Learn, sales manager, food and beverage markets, The Timken Company. “We draw on decades of application data to continually optimize bearings to overcome new challenges—in food and beverage plants, cleaning agents are ultra-aggressive, the threat of corrosion is constant, and a minor leak can spell major trouble. Timken designs bearings that can handle the harshest environments.”

Improving Uptime and Food Safety

Deep groove ball bearings are favored for their ability to handle both axial and radial loading at high speeds with minimal maintenance. Timken Corrosion-Resistant Deep Groove Ball Bearings are constructed with stainless steel rings, balls and cages that resist corrosion and improve metal detectability.

The new bearings are offered in standard, thin-section, narrow and miniature constructions in multiple series and configurations. Customers can further choose from open, double-contact seal and double shield designs to achieve higher levels of resistance to contamination.

This bearing type uses NSF H1-registered water-resistant grease in compliance with FDA Title 21 regulations, while a Timken® Solid Lube option is available to those wanting to eliminate the risk of leakage. Solid Lube is a polymer structure that
completely fills the free volume of the bearing and gradually releases trace amounts of lubricant, allowing customers to avoid conventional greases altogether where machines operate in close contact with food.

Including **Corrosion-Resistant Ball Bearing Housed Units** and **Corrosion-Resistant Poly-Round® Housed Units** introduced earlier this year, Timken continues to expand its robust portfolio of friction management products engineered specifically for food and beverage environments.

**Discover the difference** that comes from over a century of industrial-strength innovation at [Timken.com](http://www.timken.com). Customers can also connect with Timken experts at the upcoming [IPPE show](http://ippe.com) Jan. 28–30 in Atlanta in the Timken ([B8017](http://b8017.com)) and Cone Drive ([A2863](http://a2863.com)) booths.

**About The Timken Company**

The Timken Company (NYSE: TKR; [www.timken.com](http://www.timken.com)) designs a growing portfolio of engineered bearings and power transmission products. With more than a century of knowledge and innovation, we continuously improve the reliability and efficiency of global machinery and equipment to move the world forward. Timken posted $3.6 billion in sales in 2018 and employs more than 18,000 people globally, operating from 35 countries. Timken® is a registered trademark of the Timken Company.

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Photos available upon request.

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