



TIMKEN

TIMKEN® CORROSION-RESISTANT DEEP GROOVE BALL BEARINGS FOR FOOD & BEVERAGE INDUSTRY

Food and beverage processors and machinery manufacturers need premium products that deliver machinery uptime and food safety. You can meet these challenges head-on with Timken® corrosion-resistant deep groove ball bearings.

Constructed with stainless steel rings, balls and cages, these corrosion-resistant materials and food-grade lubricant can help elevate food safety and production uptime with improved reliability. Standard, thin-section, narrow and miniature constructions are offered in the following series and configurations:

- 6000, 6200, 6300 and 600 series
- Open design, double contact seals and double stainless shields
- Food-grade grease, food-grade Solid Lube; and general industrial grease



GAIN SOLUTIONS THAT:

Improve Food Safety

Optically detectable Blue FDA/EC sealed bearings come factory filled with NSF H1 registered water-resistant grease chosen for chemical and mechanical stability. Rings, balls and cages are made of stainless steel and provide corrosion resistance and metal detectability.

Reduce Maintenance

Premium products are designed to operate longer in demanding applications and environments.

Decrease Unplanned Downtime

Long-lasting products help you avoid sudden, expensive shutdowns. Head off costly changeouts with products designed to handle corrosive conditions and harsh chemicals.

Increase Overall Productivity

Our products are designed for efficiency. You can maintain optimum operating efficiency despite chemical washdowns and wet environments.

PRODUCT ADVANTAGES

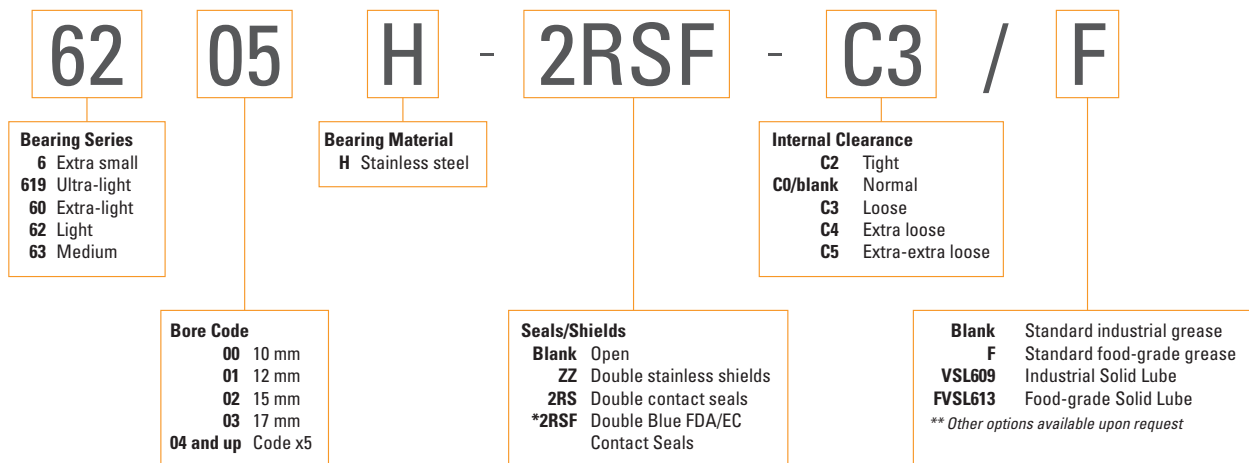
- » Resist corrosion and improve metal detectability with stainless steel rings, balls and cages
- » Improve food safety with NSF H1 registered water-resistant grease for shielded and sealed bearings
- » Versatile Timken® Solid Lube is a grease alternative for harsh environments
- » Improve food safety with optically detectable blue FDA/EC sealed bearings

A SMART FIT

Our corrosion-resistant deep groove ball bearings are an ideal fit for a variety of applications:

- » Poultry deboning machines
- » Conveyor rolls
- » Form fill seal machines
- » Filling and seaming equipment
- » Combination weigher
- » Labeling equipment

NOMENCLATURE



*Complies with FDA guidelines for indirect food additives under 21 CFR 177.2600 'Rubber articles intended for repeated use', and meets the requirements of EC 1935/2004 'materials and articles intended to come into contact with food'.

SOLID LUBE

Timken FVSL613 Solid Lube, a grease alternative for harsh environments, is a micro-porous polymer structure combined with high-performance oils and additives.

The solid lubricant can contain up to three times as much oil as a similar volume of grease. Solid Lube completely fills the free volume in the bearing between the races, rolling elements and the cage.

During bearing rotation, the solid lubricant polymer releases the appropriate amount of oil to lubricate the rolling elements and raceways.

Timken Solid Lube Features:

Hygienic.

Its unique makeup helps prevent lube from contaminating food products. Timken FVSL613 Solid Lube option contains an NSF H1-registered synthetic oil that complies with FDA guidelines for lubricants with incidental food contact under 21.CFR 178.3570.

Protected.

Full-fill and large-oil reservoirs help guard against washdown and ingress of contaminants for safe and reliable operation.

Cost-effective.

Timken Solid Lube can help reduce your operating costs and increase operational productivity.

Versatile.

With a wide range of Solid Lube solutions, we can match application requirements, including industrial, high-temperature or extreme washdown environments.

For product data, price and availability, contact your local sales representative.



TIMKEN

The Timken team applies their know-how to improve the reliability and performance of machinery in diverse markets worldwide. The company designs, makes and markets bearings, gear drives, automated lubrication systems, belts, brakes, clutches, chain, couplings, linear motion products and related industrial motion rebuild and repair services.

Stronger. By Design.

www.timken.com