



TIMKEN

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

Timken corrosion-resistant deep groove ball bearings feature stainless steel rings, balls and cages. Standard, thin-section, narrow and miniature designs are offered in the following series and configurations:

- 6000, 6200, 61800, 61900, 6300 and 600 series
- Open design, sealed and shielded versions
- Food-grade grease, food-grade Solid Lube; or general industrial grease
- Black industrial or blue FDA/EC seals

GAIN SOLUTIONS THAT:

Improve Food Safety

Optically detectable blue FDA/EC compliant sealed bearings come factory filled with NSF H1 registered grease chosen for chemical and mechanical stability. Stainless steel components offer corrosion resistance and metal detectability.

Reduce Maintenance

Premium products are designed to operate longer in demanding applications and environments. High-chromium martensitic stainless steel rings and balls support loads similar to standard bearing steel.

Increase Overall Productivity

You can maintain optimum operating efficiency despite chemical washdowns and wet environments.



PRODUCT ADVANTAGES

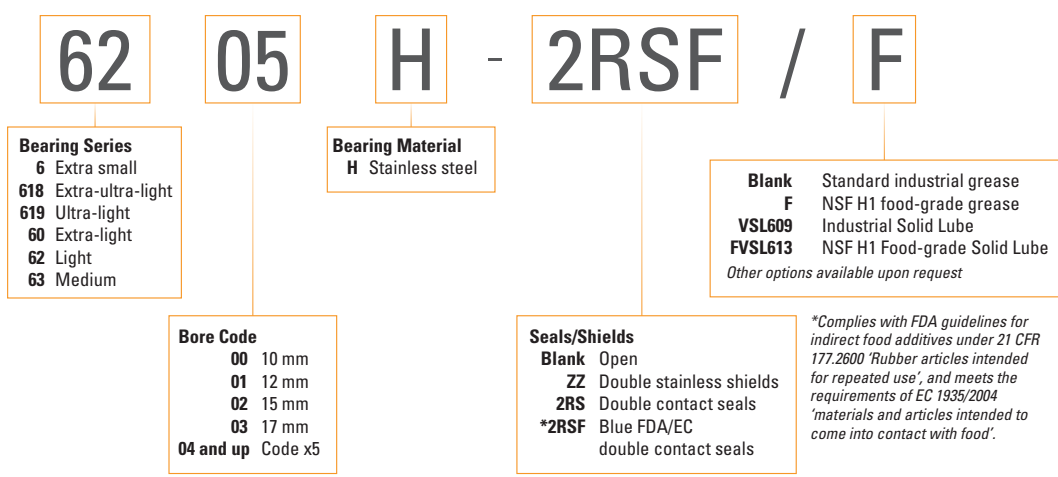
- » Resist corrosion and improve metal detectability with stainless steel rings, balls and cages
- » Improve food safety with NSF H1 registered grease for shielded and sealed bearings
- » Versatile Timken® Solid Lube is a grease alternative for harsh environments
- » Enhance food safety with optically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

A SMART FIT

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

- » Poultry deboning machines
- » Conveyor rolls
- » Form Fill Seal machines
- » Filling and seaming equipment
- » Combination weigher
- » And many more...

NOMENCLATURE



SOLID LUBE

Timken offers a variety of Solid Lube solutions, grease alternatives for harsh environments. These consist of a micro-porous polymer structure combined with high-performance oils and additives.

The solid lubricants 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:

Food Contact Safe.

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.

Solid Lube filled bearings 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.

Industrial, food-safe, and high-temperature Solid Lube solutions can all be used in 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