

THE GGB ADVANTAGE



Lower system cost

GGB bearings reduce shaft costs by eliminating the need for hardening and machining grease paths. Their compact, one-piece construction provides space and weight savings and simplifies assembly.

Low friction, high wear resistance

Low coefficients of friction eliminate the need for lubrication, while providing smooth operation, reducing wear and extending service life. Low friction also eliminates the effects of stick-slip or “stiction” during startup.

Maintenance-free

GGB bearings are self-lubricating, making them ideal for applications requiring long bearing life without continuous maintenance, as well as operating conditions with inadequate or no lubrication.

Environmental

Greaseless, lead-free GGB bearings comply with increasingly stringent environmental regulations such as the EU RoHS directive restricting the use of hazardous substances in electrical and electronic equipment.



Customer support

GGB's flexible production platform and extensive supply network assure quick turnaround and timely deliveries. In addition we offer local applications engineering and technical support.

GGB Bearing Technology

GGB Bearing Technology, formerly Glacier Garlock Bearings, is the global leader in high performance bearing solutions. Through our extensive global production and supply network, we provide customers throughout the world with the industry's most comprehensive range of self-lubricating and prelubricated bearings for literally thousands of applications in hundreds of industries.

EnPro Industries Inc.

GGB is part of EnPro Industries, Inc. (NYSE: NPO), a leading provider of engineered products for the global processing and general manufacturing industries. Based in Charlotte, North Carolina, USA, the company has 43 manufacturing locations worldwide.

For more information, visit the Technical Reference section at www.ggbearings.com or scan the QR code below with your smartphone.

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Get a QR code reader
at <http://getscanlife.com>



an EnPro Industries company

The Global Leader in High Performance Bearing Solutions



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HIGH PERFORMANCE BEARINGS FOR FOOD AND BEVERAGE EQUIPMENT



an EnPro Industries company

FOOD AND BEVERAGE EQUIPMENT



Among the industries we serve are manufacturers of food and beverage equipment, where the durability and maintenance-free properties of our bearings make them ideal for use in a variety of applications. Our bearings can withstand high temperatures and resist the corrosive effects of frequent cleaning with chemicals and disinfectants.

Applications in which they are used include roller ends in foil packaging machines; rotary vane pumps for beverage dispensers; washers to avoid slippage and compensate for shaft misalignment in coffee grinders; pivot points in cutter bowls and mixing gears; and hydraulic arm pivots in filling heads and conveyor tracks for liquid-filling machinery.



In addition, our bearings are used in positioning arms on modular filling systems; clip heads and feed mechanisms for sausage clip machines; and rotary valves in solid product depositor systems. They are also used in autoclaves, blow molders; bottle capping machines; ice cream machines, meat grinders and other food and beverage equipment.

Products

The following products are particularly well suited to food/beverage applications. Contact GGB Sales for consultation/selection.



DP4™ metal-polymer bearings offer excellent performance in heavy-duty, oil-lubricated applications, as well as running dry under light-duty conditions, particularly intermittent, stop/start operation with reciprocating and oscillating movements.



DP4-B™ bearings offer all the advantages of DP4 bearings, including resistance to wear, chemicals and erosion, plus the added benefit of an anti-magnetic, corrosion-resistant bronze backing, making them suitable for use in hostile environments.



GAR-MAX® filament wound, composite bearings provide very good friction and wear properties, as well as high load capacity and excellent resistance to shock, misalignment, chemicals and contamination.



GAR-FIL® filament wound bearings offer extremely low friction under low-speed, high-pressure conditions. They also provide good wear properties, and resistance to chemicals and contamination.



DB™ maintenance-free bearings deliver excellent performance under high loads and intermittent operation. Their structure, which consists of cast bronze with graphite-free solid lubricant inserts, provides an ultra-low coefficient of friction, maximum wear resistance, long service life and absolute corrosion resistance, even in wet, dirty environments.



EP™ series of injection-molded, solid polymer bearings provide low friction and excellent wear resistance under both dry and lubricated conditions in a wide range of applications. Made of engineering polymers with reinforcing fibers and solid lubricant, they exhibit excellent dimensional stability, high compressive strength and creep resistance and low thermal expansion.