REDUCED MATERIAL COSTS
Slim, compact bearings reduce housing and shaft dimensions, enabling substantial space and weight savings and lower raw material costs.

REDUCED NOISE AND ASSEMBLY COSTS
The one-piece construction of GGB bearings provides quieter operation, simplified assembly and elimination of fitting damage.

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.

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".

ENVIRONMENTAL
Greaseless, lead-free GGB bearings comply with increasingly stringent environmental and RoHS regulations.

compliant RoHS

CUSTOMER SERVICE
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.

Your Complete Tribological Service Provider

GGB offers a comprehensive selection of products to meet the world's most demanding surface engineering needs. We manufacture metal-polymer, engineered plastics, fiber reinforced composite, metal and bimetal bearings, along with a range of supporting assemblies, bushing blocks and thrust plates.

Industries served include:

- Aerospace
- Automotive
- Industrial
- Agricultural
- Construction
- Oil and Gas
- Energy
- Fluid Power
- Primary Metals
- Recreation
- Railway
- Solar
- Packaging

Global Footprint

GGB has manufacturing, sales, service and support locations around the globe. This vast network of resources and expertise enables us to respond promptly to your bearing needs wherever you do business.

GGB

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GGB

Bearing Solutions for Mobility Aid Equipment

GGB, an EnPro Industries company

Medical Equipment

GGB offers high-quality, performance-proven bearings for a variety of medical equipment applications. For example, our bearings are used in vehicle access systems, where they minimize space requirements while providing self-lubrication, uniform friction and wear, elimination of stick-slip, and long life. Typical applications include pivot and thrust locations in power transfer seats, as well as pivot points and roller shafts in public transit and sliding platform lifts.

They are also used in the track rollers in residential stair rail lifts, where soft, stop-start operation is important for occupant comfort and safety. This application requires relatively high load capacity, maintenance-free performance and extended service life.

In addition, GGB bearings are used in the moving joints of prosthetic devices, including the world's first microprocessor controlled prosthetic knee joints, where their low friction facilitates flexion and extension.

GGB Products

Contact your local GGB sales representative for bearing product selection and design assistance.

For additional market / product offerings, go to:
ggbearings.com

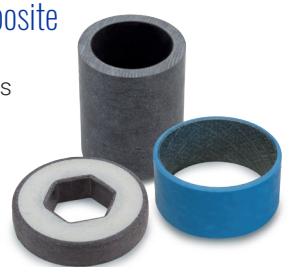
Metal Polymer

GGB's metal polymer bearing solutions offer excellent low friction with high wear resistance to withstand constant use found in medical equipment. GGB's DP4® self-lubricating bearings offer high load and low wear performance to extend operating life. GGB's DP4-B bearings offer all the advantages DP4® does plus anti-magnetic and corrosion-resistant bronze backings. GGB's DX bushings offer low friction and improved wear resistance for longer life in greased applications.

EP™ Series

GGB's Engineered Plastics bearings provide low friction and excellent wear resistance. EP®22, EP®43, and EP®63 have been proven solutions for the medical industry as they are made of a variety of resins compounded with reinforcing fibers and solid lubricant. They exhibit excellent dimensional stability, high compressive strength and creep resistance, with low thermal expansion and good thermal conductivity.

Fiber Reinforced Composite



GGB's Fiber Reinforced Composite, FRC bearings offer self-lubricating solutions offering low friction and high wear-resistance characteristics. The reinforced composite structure enables the bearing to support high static and dynamic loads, while the filament wound material makes them ideal for corrosive environments.