

Forklifts play a vital role in the industrial sector by optimizing the storage, retrieval, and arrangement of goods. Their primary function is to efficiently move materials, enabling users to handle heavy items that surpass the capabilities of manual labor.

Application Challenges

- Extremely heavy loads
- Harsh operating environments
- Inadequate or improper lubrication
- Excessive noise/vibration
- Stick-slip operation
- Shock loads and vibration
- Expensive downtime disruptions
- Wear due to frequent stop/start cycles



GGB Product Benefits



MAINTENANCE-FREE

GGB® bearings are self-lubricating, making them ideal for applications demanding extended bearing life without the need for continuous maintenance, as well as under operating conditions with inadequate or no lubrication.



SPACE SAVING

A slim, compact, one-piece design provides notable space and weight reductions, simplifying installation, reducing system costs, and minimizing the risk of potential damage during the installation process.



LOWER SYSTEM COST

Decreased ownership expenses through prolonged service life and reduced requirements for maintenance and lubrication.



EXTENDED SERVICE LIFE

GGB bearings provide dependable performance under substantial loads and intense stress, enduring challenging and corrosive environments to prolong the service life of various applications.









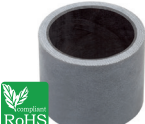













ENVIRONMENTAL

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



Recommended Products

PRODUCT	ADVANTAGES	MORE INFORMATION
DU* 	DU self-lubricating bearings offer very good wear and low friction over a wide range of dry running applications. Also suitable for lubricated applications.	
DP4* 	DP4 offers low friction and good wear resistance in both dry and lubricated applications. Suitable for linear, oscillating and rotating movements.	
DX* 	DX bearing material for marginally lubricated applications. Optimum performance under relatively high loads and low speeds.	
HI-EX* 	Marginally lubricated bearing material with excellent wear resistance under thin film conditions. Available with non-indented overlay for hydrodynamic applications.	
HSG* 	HSG is a self-lubricating bearing material with high static load capacity, excellent shock resistance, and superior friction and wear properties.	
GAR-MAX* 	GAR-MAX is known for its high load capacity and excellent shock and misalignment resistance.	
GAR-FIL* 	GAR-FIL provides a machinable bearing surface and offers a high rotational speed capacity. Excellent contamination resistance.	
EP* 	EP provides good bearing performance in dry as well as lubricated or marginally lubricated working conditions. Good choice for medium working conditions compared to other Engineered Plastics materials.	
TriboShield* 	With the TriboShield® technology, GGB can reduce the friction and extend the durability of any complex shaped part by coating the substrate with our special designed low friction paints.	
TriboMate* 	Our TriboMate® technology is the pairing of a GGB bearing with a GGB polymer coating. The technology reduces significantly the static and dynamic friction, improves start and stop behaviors and increases load carrying capability	

Stronger. Together.

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