GMN

GMN Paul Müller Industrie GmbH & Co. KG manufactures high precision ball bearings, machine spindles, freewheel clutches and non-contact seals for a broad spectrum of applications at its Nürnberg, Germany plant.
A global GMN service network offers competent customer consultation and individualized solutions.

GMN Quality management – tested and certified
GMN guarantees utmost quality for its products and services that is based on long-term reliability. Highly modern development and production methods ensure products that always represent state-of-the-art technology.
All GMN corporate divisions are certified to DIN ISO 9001:2008.

GMN – Safeguarding the future
For GMN, progress means the best possible customer support combined with performance-oriented optimization of its technical products. This claim is realized at GMN under especially strict observance of national and international environmental standards with regard to efficient, responsible utilization of ecological resources.

Internet
At our Internet site www.gmn.de we provide comprehensive product information that can be downloaded.

GMN High precision ball bearings
Standard program
Special applications
Service
GMN produces spindle and deep groove ball bearings in the precision classes P5, P6, P6X and P12. Ball bearing units with bores from 5 – 100 mm always provide an optimum solution for customers with regard to loading, rigidity, speed and service life. The KH spindle bearing series can be supplied as open version for machine components, GMN offers comprehensive consultation and services in the field of high precision ball bearings and ceramic bearings. In addition to the main program, GMN also offers the possibility to find new solutions thanks to its engineering and flexible manufacturing areas. The products range from special bearings to ready-to-install bearing systems.

Technical benchmarks that are founded on detailed basic developments are set for various applications:
- Touchstone bearings
- Vacuum technology / Turbomolecular pumps
- Medical technology / X-ray
- Measurement / Navigation technology
- Bearing systems
- Machine tool applications
- Special applications
- Tribology, lubrication, lubricant selection
- Bearing selection, bearing calculation, service life calculation
- Optimizations for special applications
- Special solutions
- Innovative cost-optimized products
- The correct bearing for a particular application can be selected quickly and easily using the Globus calculation software. It helps with frequency analyses and has its own extendable lubrication database.

GMN offers comprehensive methods for bearing analysis such as the following:
- Noise test
- Microscopic analysis
- Lubricant analysis

GMN provides qualified training courses in theory and practice for high precision ball bearings and their applications, both at customer locations and also at our premises. The customer-specific contents of the training courses are selected from the following topics:
- Basics products designs,
- Engineering nomenclature, bearing selection,
- Assembly: control measurements, lubrication,
- Bearing analysis: methodology, analysis options at GMN,
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GMN: proven success

The continuous development of highly competent, committed employees, a focus on quality and the careful selection of suppliers are guarantees of delivery dependability and quality. The use of the most modern technology such as CBN grinding, hard turning and PVD (physical vapour deposition) form the basis for flexible solutions at the cutting edge of technology. Innovative cost-optimized products demand the application of modern methods like Sigma, TEMA, SAR, as well as the close collaboration with customers, universities and competent business partners.

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