



Industrial Automation

Our product brands:

IMI Norgren

IMI Bahr



Linear guides from IMI Bahr

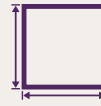
In modern industrial automation, reliable and powerful solutions are essential, especially when it comes to linear technology.

Our linear rail guides impress with their exceptional load-bearing capacity and rigidity. Developed for demanding applications, they offer smooth and even running with maximum accuracy that remains precise even under high dynamic requirements. With their robust design, they are the ideal solution for moving loads safely and efficiently.

- Mechanical engineering
- Robotics
- Medical technology
- Food industry
- Packaging industry
- Semiconductor industry
- Additive manufacturing

Technical specifications

- High accuracy with low friction
- High rigidity and self-alignment
- High tensile strength thanks to stainless steel reinforcement
- High load and torque capacity
- High dynamics
- Dust-proof design
- Suitable for environments with low contamination Customisation such as special seals and surface treatment available on request.



Rail guide

- Miniature 7/9/12/15mm
- Standard 15/20/25/30/35/45/55/65
- Module height 8 mm - 90 mm
- Standard rail length 4000 mm more on request



- Speed up to 4 m/s
- Acceleration up to 100 m/s²



- Max. load C 273 kN; C0 420 kN
- Max. static moment:
Mx 12950 Nm; My, Mz 61907 Nm



- Accuracy N, H, P

Your specialist for linear technology

Our products are developed in accordance with our customers' most demanding standards.

We provide you with tailor-made solutions and unique service. Our dedicated and highly qualified team is always on hand to advise you and help you choose the solution that best suits your application.

- Technical consulting and requirements analysis
- Design and development support in the prototype phase
- Complete offer with 3D models and drawings within 48 hours
- Structural analysis and service life calculation
- Gear, motor and energy chain design
- Repair and maintenance
- Reliable delivery within 4 weeks
- Cost-effective production of custom-made products starting at a quantity of 1



Fast response times with a direct contact person



Expert advice and technical support



30 years of experience with more than 10,000 successful projects across all industries



Find out more

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