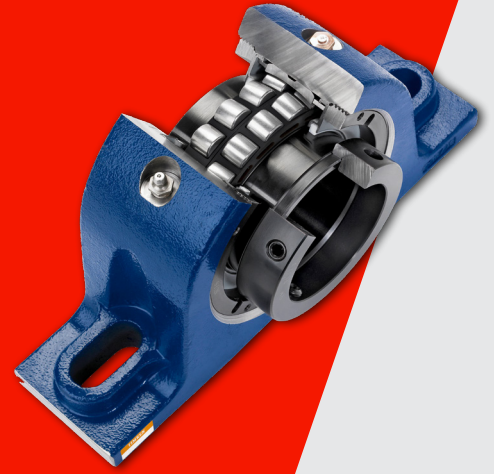




TIMKEN SOLID BLOCK HOUSED UNITS – BUILT FOR THE TOUGH STUFF



Harsh mining conditions demand more from your bearings. Motion recommends Timken solid-block housed units -a rugged, factory-assembled solution engineered for long life, fast installation, and total reliability.

THE CHALLENGE

Mining bearings operate in some of the harshest environments imaginable exposed to dust, ground water, vibration, and heat. In these conditions, standard bearing units often fail prematurely due to contamination, lubrication issues, or installation errors. When equipment is working hundreds of metres underground, even a small bearing failure can have major operational consequences.

THE SOLUTION

Timken solid-block housed bearing units are purpose-built to thrive in extreme conditions. Unlike traditional split housings, Timken solid-block units are manufactured from a single piece of cast steel, delivering superior strength, rigidity, and load-handling capability. Each unit is fully assembled at the factory, with preset internal clearances, integrated seals, and a choice of shaft-locking options.

Engineered to reduce failure

Timken's latest shaft-locking option, TAA, simplifies installation even further.

- Adaptor sleeve with pre-positioned withdrawal nut
- Automatically sets internal radial clearance
- No on-site clearance measurement required
- Bearing remains sealed during installation

Each unit arrives sealed, greased, and tested, protecting the bearing from exposure to harsh mine environments.

Built for maintenance efficiency

Timken solid-block housed units are supplied as fixed (non-expansion) units, with the ability to convert easily to floating (expansion) units - without exposing the bearing.

The impact on site:

- Dramatically reduced installation time
- Fewer labour hours in high-risk areas
- Longer service life and fewer unplanned stoppages

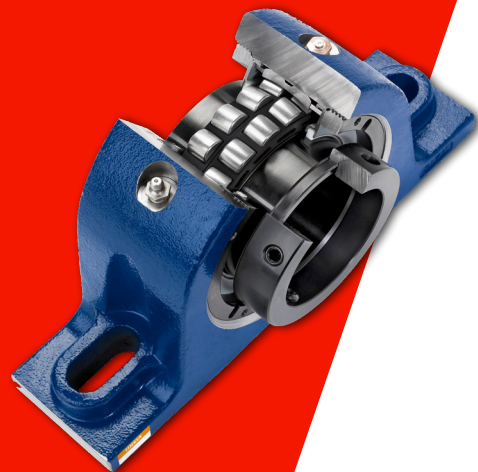


MiMOTION

TIMKEN



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Where they're used

Ideal for demanding mining and heavy-industry applications, including:

- Conveyors
- Crushers and screens
- Processing equipment
- Underground and surface operations

Anywhere reliability, safety, and uptime are critical.



Why Motion

Motion combines Timken's proven engineering with local expertise and national support.

Motion provides:

- Product selection and application advice
- On-site support and installation guidance
- Training and ongoing technical assistance
- Access to Timken engineering expertise

We don't just supply bearings - we help you get the most out of them.

Talk to Motion today about Timken solid-block housed bearing units.



Why Partner with Motion?

Motion offers more than just products, our key partnerships help you optimise your operations.

Our collaboration with Timken® ensures you receive top-tier bearings designed for your specific challenges.

*Timken and Motion
– Driving Agriculture Forward*