

Power Generation Bearings

The Cooper Bearings Group is a full service provider of sales and technical engineering support to our customers around the world. No other split roller bearing manufacturer matches the Cooper breadth of knowledge and experience.

Significant investment has transformed Cooper into a responsive, customer focused organization offering stock availability for standard product and competitive lead time for special bearings.

We support our customers with rapid technical and commercial information directly from our offices and via our website at CooperBearings.com

To ensure Cooper continues to lead our industry, we have created a new product and business development process. This ensures we will continue to offer products and services that provide demonstrable competitive advantage.

Power generation demands 24/7 daily production without fail. Breakdown means loss of production and lost output and lower profit. Cooper offers a proven range of bearings, mountings and seals designed to meet the demanding requirements of power generation by reducing any stoppages to the minimum and making a contribution to your company's profitability.

Our range includes standard bearing, cartridge and pillow block configuration typically specified on cooling and ventilation fans, tension retaining take-up bearings, both push and pull type for use on solid fuel conveyors and hanger bearings for use on pulverized fuel screw conveyors.

Installation is very easy as there is no need to remove ancillary equipment. In most instances, except for the very largest bearings, there is no need to use expensive lifting equipment.

Cooper also offers a comprehensive selection of seals that will retain lubrication and keep out bearing damaging particles, even under the most demanding operating conditions.

Cooper has considerable conveying experience around the world with many applications; from quarry conveyors to ship loaders; from screw conveyors to bucket elevators.

Our local Sales Manager will offer free professional advice backed by solid technical support and product availability from our distribution partners in over thirty countries around the world.

All Cooper bearings feature easy assembly and come with full technical support. Contact Cooper or authorized distributors for more information



Features & Benefits

Split to the Shaft Bearing

- Low cost of installation.
- Ease of replacement.
- Reduces downtime.
- Increases maintenance efficiency.

Comprehensive Range of Mountings

- Meets most application requirements from the standard range.
- Pillow blocks available in steel, grey iron and ductile iron including: flanges, rod end bearings, take-up bearings and custom bearings.

Superior Concentric to the Shaft Sealing

- Typical options include felt, triple labyrinth and lip contact seals.
- Reduces contamination.
- Retains lubrication.
- Prolongs bearing life.

Full Service Manufacturer

- Proven range of products.
- Vast engineering knowledge.
- Problem solving solutions a specialty.
- Technical and installation support service.

Established Organization

- Global distribution network.
- Local support provided by Cooper and distribution partners.

Power Generation Bearings

...IN THESE APPLICATIONS...

TURBINE BEARINGS



SCREW CONVEYORS



TRAPPED LOCATIONS



...IN TRAPPED LOCATIONS...

CONVEYORS AND ELEVATORS



FAN AND BLOWER APPLICATIONS

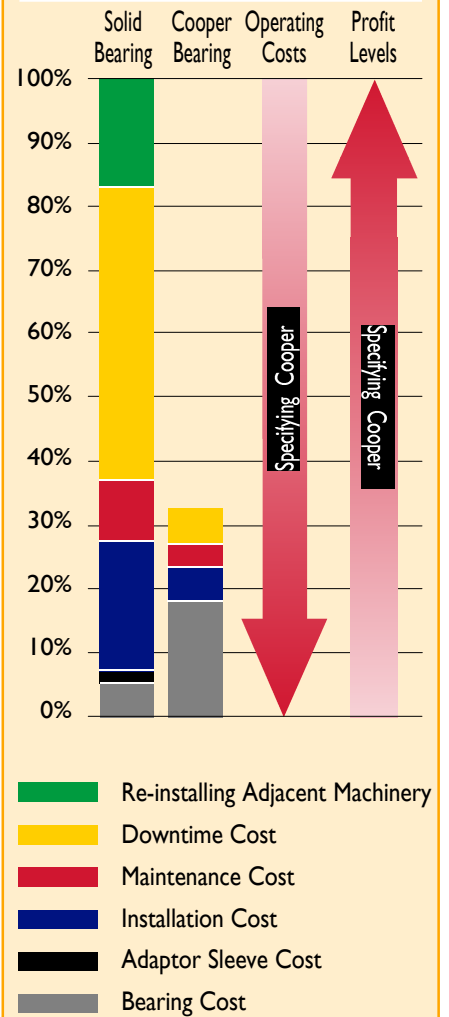


MILL MOTORS



...WITH PROVEN SAVINGS.

Demonstrable Cost Savings



A HIGH RETURN ON INVESTMENT

Cooper offers a considerable year on year return on investment. To establish your ROI in the first year as a percentage, divide the savings made by the cost of the bearing.

See our Value Proposition for details.

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BEARING MOUNTING OPTIONS

PILLOW BLOCKS HANGER MOUNTINGS



Pillow Block Unit
1 3/16"/30mm to 24"/600mm
Available in cast iron
ductile iron or steel

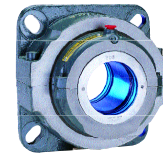


Hanger Unit
1 3/16"/30mm to 5 1/2"/140mm
Available in cast iron

FLANGE MOUNTINGS



Round Flange Units
1 3/16"/30mm to 12"/300mm
Available in cast iron or steel



Square Flange Units
1 1/16"/50mm to 3"/75mm
Available in cast iron,
ductile iron or steel



Inspection and preventative maintenance costs are kept to the minimum regardless of the application or bearing size. Cooper bearings are completely accessible at all times for cost effective maintenance and maximum safety compliance on any type of application.

Customer Service Centers

USA and Mexico

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