

**RUBIX**

# SKF Cooper Split E-Series Bearings



...Decrease Downtime

...Enhance Safety

...Reduce Costs



# Why Choose SKF?

Rubix has been supplying SKF bearings for decades and has an in-depth understanding of SKF's extensive product range. In fact, we are SKF's largest Authorised Distributor across Europe and have access to SKF's latest innovations.

## Extensive Product Range

At Rubix, we have the widest range of SKF bearings stock in Europe. We know that time is money, and getting the bearing you need without delay is crucial to your operation.

## Product Availability

As SKF's largest Authorised Distributor across Europe, we have an excellent relationship with the company and exceptional access to stock. But to ensure our customers' needs are met, we have made a massive investment in SKF stock, creating the fastest and most reliable supply chain in the industry. Our warehouses and branches now benefit from the widest range of SKF stock ever held, meaning our customers have even more choice and no delay, with same day delivery on stocked items.

## Innovation at the Core

Integral to SKF's success has been its focus on delivering quality product and looking to the future with continual R&D and innovation.

To ensure we stay up to date with the very latest product developments and solutions, Rubix is an authorised member of the online SKF Distributor College, which our sales and engineering teams use to ensure they are in a position to provide you with the latest technical advice and product information. We also have a number of technical specialists on hand, whose in-depth technical knowledge is invaluable, be it in helping to identify potential cost and efficiency savings for customers or in finding solutions to specific customer challenges.



There are three key aspects you can trust SKF to deliver across its entire product range: **quality, reliability and innovation.**

All SKF bearings are designed and manufactured to the very highest quality, with considerable investment in R&D to meet the challenges faced by industry. When you buy an SKF bearing you can be assured of its optimal performance and long life far in excess of inferior, lower cost alternatives. With subsequent reduced maintenance and downtime due to unplanned failure, SKF bearings represent a highly cost-effective choice.

For businesses with a need to keep production lines running 24/7/365, always having the right part at the right time is vital - and we're here to help.

# SKF Cooper Split E-Series – Making an Excellent Product Better!

Efficiency is key for ensuring optimised operations in industrial facilities. But high efficiency means more than just cutting-edge machinery; it also means making use of high-quality reliable components that can reduce maintenance downtime, and labour and improve worker safety.

To meet this need, SKF has further developed its bearing offerings of Cooper Split bearings, with the introduction of the E-Series range.



### Decreased downtime

When a solid bearing fails in a trapped application, equipment must be moved to replace it, which means machinery must be shut down. SKF Cooper Split bearings feature a split-to-the-shaft feature, which allows them to be easily replaced in situ without removing associated equipment.



### Reduced maintenance costs

When it comes to maintenance, it could take more than one person many hours to change a solid bearing. In some cases, it may be necessary to break and replace a piece of expensive equipment. This can be resolved with SKF Cooper Split bearings. Disassembled into smaller components – mounting or replacement is simplified, reducing mean time to repair (MTTR) by up to 70%.



### Enhanced worker safety

Replaced in-situ to simplify maintenance and repair, SKF Cooper Split bearings enhance worker safety. This is critical in applications such as conveyors which are responsible for an estimated 43% of all accidents and 24% of fatalities. By negating the need to remove heavy equipment during maintenance, the risks associated with lifting heavy equipment, particularly at height, are significantly reduced.



### Simple installation

With no need for cage joint clips, SKF Cooper Split E-series units feature a robust self-locking cage to simplify assembly. In addition to this, E-Series bearing units are available with clearances pre-set, which means no inconvenient on-site adjustment is needed and no specialist tools are required.



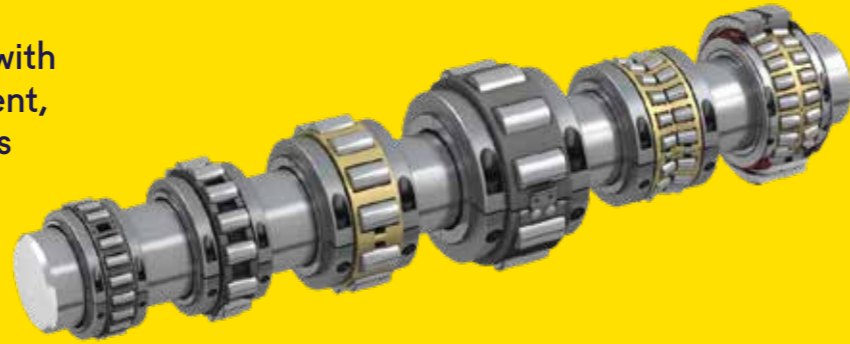
### Increased life

The ability of the new SKF Cooper Split E-series bearing to take additional load within the existing space of previous Cooper Split series 01 and 02 bearings results in longer life of up to 40% for existing applications, or more economic bearing selection when designing new equipment.



# SKF Cooper Split Roller Bearings

Incorporating a unique and patented brass cage design, with an optimised roller complement, the SKF Split Cooper E-Series delivers increased carrying capacity, greater safety margins, longer L10 rating life, and subsequent improved service life.



The SKF Cooper Split E-series range offers a solution to inaccessible applications where mounting, dismantling, and maintenance are a challenge, for example, between the head pulley and gearbox and motor. They are also highly suitable for long shafts which require support at several positions, or on cranked shafts, making them an ideal solution to reduce machinery maintenance and repair downtime.

Designed to accommodate additional load, bearings in the SKF Cooper Split E-Series provide longer life for existing applications, and allow for more economic bearing selection when designing new equipment.

Featuring a robust design, the internal construction of the E-Series bearing is designed to produce an average of 15% increase in radial and 30% increase in axial load ratings.

Available in four standard bearings series to accommodate a variety of shaft sizes, the SKF Cooper E-Series includes an extended range of series 01 and 02 in bore sizes up to 150 mm, complementing the entire product range with sizes up to 300 mm.

## Typical industries:

- Mining
- Mineral Processing
- Cement
- Steel
- Marine
- Power & Energy

# How you benefit from the upgrade

With SKF Cooper Split E-Series, you can benefit from:



- ✓ Decreased downtime > No need to dismount equipment
- ✓ Reduced maintenance and related costs > Can be replaced in situ
- ✓ Enhanced worker safety > Eliminates the need to carry heavy equipment
- ✓ High carrying capacity > Longer L10 life and greater safety margins
- ✓ Fully interchangeable > No changes needed to housing, cartridge of shaft
- ✓ Wide product range > Suitable for many applications

## Typical applications

Suitable for use across a variety of industries, the SKF Cooper Split E-Series offers a simple, cost-saving maintenance free solution for hard-to-access areas.



Belt Conveyors



Screw Conveyors



Industrial Fans



Water Turbines



Bucket Elevator



Marine Propulsion

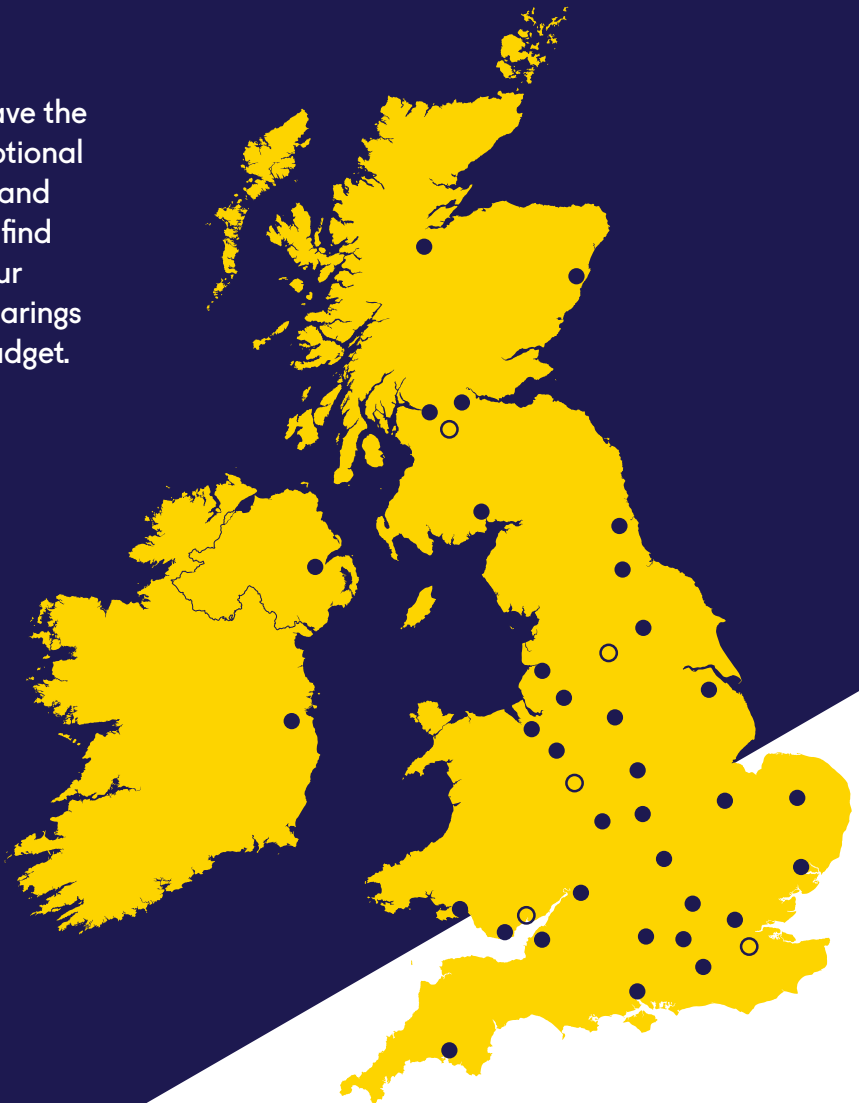
# Rubix for all your SKF bearings needs, and more.

# RUBIX

Rubix is SKF's largest Authorised Distributor across Europe. We have the widest SKF product range, exceptional availability, in-depth knowledge and technical expertise. Talk to us to find out how we can help improve your production facilities with SKF bearings best suited to your needs and budget.

Of course, our product range goes far beyond bearings. We offer more than 5 million different product lines - 500,000 of which are in stock at any one time, all available 24 hours a day, 365 days a year. Available via our centrally-located National Distribution Centre in the Midlands, plus a network of branches across the UK, we'll get it to you on time, every time.

With our specialist expertise, international strength and local presence - combined with our thorough understanding of the food & drink industry - we are ready to become your parts and products partner.



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