



# Single row cylindrical roller bearings

THE PERFECT SOLUTION FOR INDUSTRIAL APPLICATIONS

# The perfect solution for industrial applications

NKE FERSA is a premium bearing manufacturer with headquarters in Steyr, Austria. The company was founded in 1996 by a group of senior staff members of the former Steyr Wälzlager.

We manufacture both standard and special bearings for all industrial applications. Our core competences – engineering, product development, final processing of components, assembly, quality assurance, logistics, sales and marketing – are centralised in Steyr. The site is accredited with ISO 9001:2015 (design, development, manufacturing and distribution of bearings), ISO 14001:2015 and OHSAS 18001.

NKE series of single row cylindrical roller bearings is the answer to your high requirements. It incorporates advanced technology with optimum operational reliability and maximum cost effectiveness.

Single row cylindrical roller bearings are used in countless industrial applications, e.g.

- Gear boxes / Traction motors for railway vehicles
- Mechanical presses / Axle boxes for railway vehicles
- Electric motors / Steel mills
- Pumps & compressors / Etc

## Outer ring & roller set

1

## Cages

4

## Inner rings (CN, C3, C4)

3X3

## Variants

36



MA6



M6



MPA



TVP3



LNJ-E



NJXXX-E-MA6 (CN, C3, C4)

LNU-E



NJXXX-E-M6 (CN, C3, C4)

LNUP-E



NUPxxx-E-MA6 (CN, C3, C4)

LNJ-E



NJXXX-E-M6 (CN, C3, C4)

LNU-E



NUxxx-E-M6 (CN, C3, C4)

LNUP-E



NUPxxx-E-M6 (CN, C3, C4)

LNJ-E



NJXXX-E-MPA (CN, C3, (4))

LNU-E



NUXXX-E-MPA (CN, C3, (4))

LNUP-E



NUPXXX-E-MPA (CN, C3, C4)

LNJ-E



NJXXX-E-TVP3 (CN, C3, (4))

LNU-E



NUXXX-E-TVP3 (CN, C3, (4))

LNUP-E



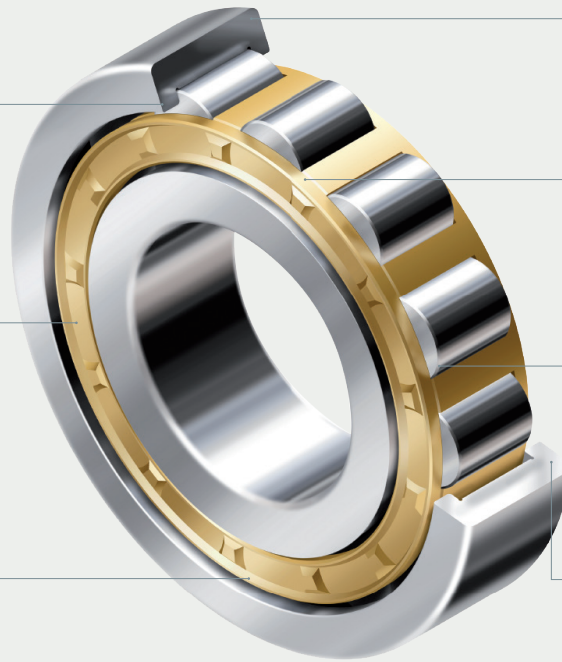
NUPXXX-E-TVP3 (CN, C3, (4))

# Austrian quality combined with advanced technology

**Optimised geometries of raceway and rolling elements**  
improved load capacity

**Modified cage design**  
enhanced formation of lubrication film

**Modified contact geometry and crowned inner ring raceways**  
better compensation of misalignments



**Clean bearing steel**  
longer bearing service life

**Superior surface finish on raceways**  
reduced friction, lower operating temperature

**Tighter tolerances for roller sorting**  
uniform load distribution

**Improved design of bearing guiding flanges**  
suitable for taking up higher axial loadings (NJ and NUP)

## We offer

- Standard bearings with a comprehensive stock range
- Tailor-made bearings for special requirements
- Technical service (e.g. consulting, documentation, training etc.)

## Quality guaranteed at 100%

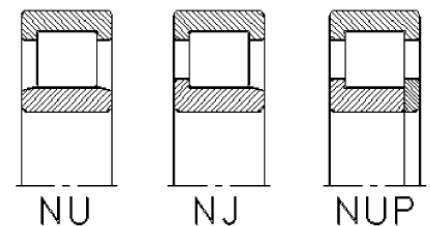
All NKE bearings are manufactured with state-of-the-art equipment. They undergo stringent and documented quality inspection. By using advanced testing and measuring equipment and applying a rigorous quality policy, we can guarantee that every single batch of bearings delivered is of the highest quality standards.



### Product variants

Range	Dimension series 10, 2, 22, 3, 23, 4
Sizes	164
Types	> 3.000

### Design variants



Cage materials	Brass Polyamide
Cage designs	Roller and outer ring guided
Radial clearance groups	CN (Standard), C3, C4



A large industrial refinery or petrochemical plant is shown at sunset. The sky is filled with large, billowing clouds that are illuminated from below, giving them a warm orange and yellow glow. The plant itself is a complex of tall distillation columns, a network of pipes, and structural steel frameworks. In the foreground, there is a line of green grass. The overall scene conveys a sense of industrial scale and continuous operation.

# Excellence beyond bearings

Art.No 91959

Spain | Austria | China | India | USA | Brazil | Mexico | Colombia  
Chile | Bolivia | Argentina | Netherlands | Australia | Kenya



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