

2RS2



## The new NKE POP range: Single row deep groove ball bearings

> Quality in the premium class

*More possibilities!*

**NKE**  
B E A R I N G S

# The new NKE POP range: Single row deep groove ball bearings > Quality in the premium class

Single row deep groove bearings are the most frequently used bearing types. The wide spectrum of applications requires maximum guaranteed performance with the highest possible cost effectiveness.

## Optimised precision

The new NKE POP range of single row deep groove ball bearings offers numerous technical advantages, such as reduced running noise, longer lubricant service life, lower starting torque, ... and all these combined with the highest level of cost effectiveness.



100% noise testing guarantees highest precision.

## Austrian quality

**100% quality guarantee** – All NKE bearings undergo stringent and documented quality inspection. By using advanced test and measuring equipment as well as a rigorous quality policy, we can guarantee that every single batch of bearings delivered to you is of the highest quality standards.

**100% noise testing** – The new NKE POP range single row deep groove ball bearings ensures highest precision with low running noise.

## NKE POP range (stock)

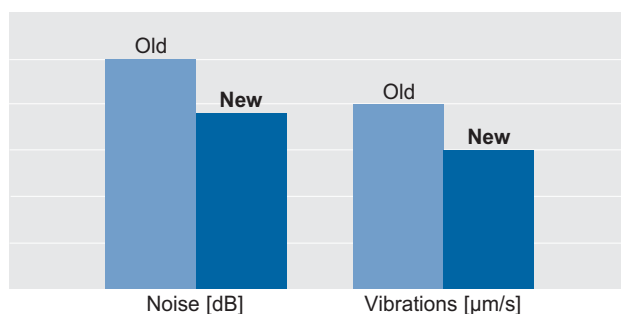
6000 – 6012

6200 – 6212

6300 – 6310

Variants: open, 2RS2, 2Z

Radial clearance groups: CN (standard)  
C3



The new NKE POP range single row deep groove ball bearings with reduced running noise and vibrations.

## Technical advantages of the NKE POP range:

### Single row deep groove ball bearings

#### > Cost effectiveness and precision



#### Newly developed seals

(double-lip labyrinth RS2)

> Improved protection against contamination with low friction, better retention of grease



#### New, special low-noise lubricant

> Lower starting torque over a wide temperature range



#### Superior surface finish on raceways

> Reduced friction, lower operating temperature



#### Closer grade balls

> More uniform running and lower noise



#### Reduced running noise

> Though 100% noise testing with stringent limit values

### RS2 seal



The newly developed NKE double-lip labyrinth seal

### Technical data of the lubricant

|                              |  |
|------------------------------|--|
| Operating temperature        | -50 to +150°C  |
| Kinematic viscosity $v_{40}$ | 26 [mm <sup>2</sup> /s]  |
| Worked penetration           | 250 [1/10mm]   |
| Drop point                   | 190°C  |
| Thickener                    | Lithium complex  |
| Base oil                     | Polyolester + diester and additives  |
| Technical characteristics    | - Low running noise<br>- Minimal starting torque even at low temperatures<br>- Long service life over a wide temperature range |

NKE headquarters in Steyr – more than 10,000 m<sup>2</sup> for core functions such as engineering, production, logistics, quality assurance, marketing and sales



# NKE AUSTRIA

NKE AUSTRIA GmbH 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.

NKE manufactures 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 ISO9001:2000 (design, development, manufacturing and distribution of bearings) and ISO14001:2004.

We offer:

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

NKE bearings are distributed through 15 international representative offices and more than 240 distribution outlets in over 60 countries.

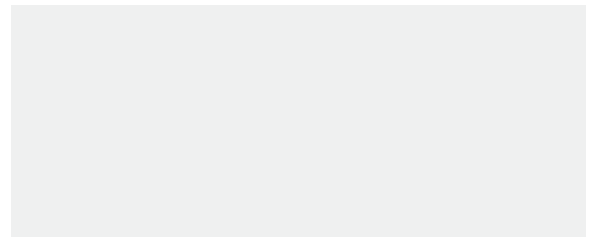


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