

WE ARE FERSA A SPANISH-AUSTRIAN COMPANY

Fersa was created through the merger of two European bearing manufacturers: Fersa Bearings in Spain and NKE in Austria. Both are globally active in the design, production and distribution of high quality bearings for the global automotive and industrial markets.

Over 50 years of manufacturing experience and the trust of leading OEMs, Tier 1 and their respective aftermarkets endorse our products and services.

Fersa has an extensive network of distribution centers that service globally. We count with local facilities in Austria, Brazil, China, Spain and USA and state-of-the-art manufacturing centers in Austria, China and Spain.

FERSA



NKE AUSTRIA GmbH
Im Stadtgut C4,
4407 Steyr, Austria
Tel: +43 7252 86667
Fax: +43 7252 86667-59
office@nke.at

www.nke.at

NKE

B E A R I N G S



NKE Steyr, Austria

FERSA Zaragoza, Spain

FERSA Jiaxing, China

Every care has been taken to ensure the accuracy of the information contained in this publication, but NKE accepts no liability due to errors or omissions. NKE reserves the right to change any product specifications. All rights reserved.
© NKE AUSTRIA GmbH.

Art.-Nr. 91998 GB 09.2018

NKE

B E A R I N G S

SINGLE ROW ANGULAR CONTACT BALL BEARINGS

FERSA

THE PERFECT SOLUTION TO INDUSTRIAL APPLICATIONS

AUSTRIAN QUALITY COMBINED WITH ADVANCED TECHNOLOGY

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 ISO 9001:2015 (design, development, manufacturing and distribution of bearings), ISO 14001:2015 and OHSAS 18001.

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

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.



NKE headquarters in Steyr – more than 10,000 m2 for core functions such as engineering, production, logistics, quality assurance, marketing and sales.



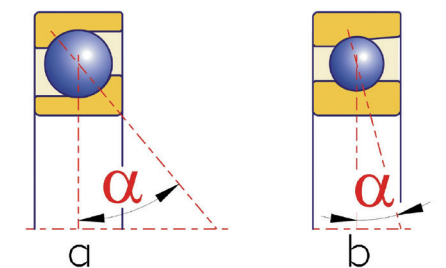
Technical characteristics

NKE single row angular contact ball bearings are non separable radial bearings:

- / Suitable for high-speed applications
- / Can accommodate both radial and thrust loads
- / Suitable for combined loads and tilting moments
- / Provide rigid bearing arrangements
- / Available in universal design to be used in pairs or sets

Contact angles (α)

NKE single row angular contact ball bearings (series 72 and 73) are produced with several different contact angles, which are identified by various suffixes:

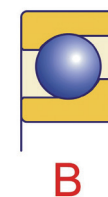


Design variants

- / Different contact angles (α - see figure on right) for taking up loads optimally
- / Series 72 and 73 are available with re-enforced internal design (suffix BE - see figure below)
- / Cage variants:
 - Polyamide (TVP)
 - Machined solid brass (MP)
- / Sealed variants for maintenance free bearing positions
- / Special clearances and preloads upon request

Suffix	Contact angle (α)
A	30°
B	40°
C	15°
E	25°

Re-enforced internal design (BE) – higher load rating



Conventional Design



Re-enforced design for higher load ratings

Typical applications

- / Gearboxes
- / Pumps and compressors
- / Ventilators
- / Machine tools
- / Agricultural machinery
- / etc.

Please refer to the NKE General Catalogue for more information.