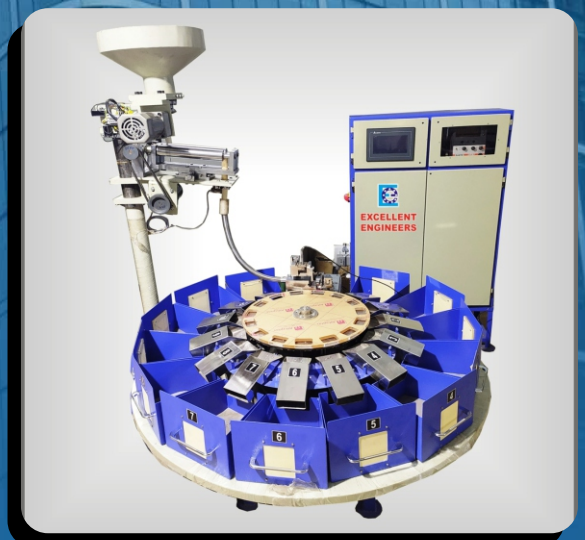
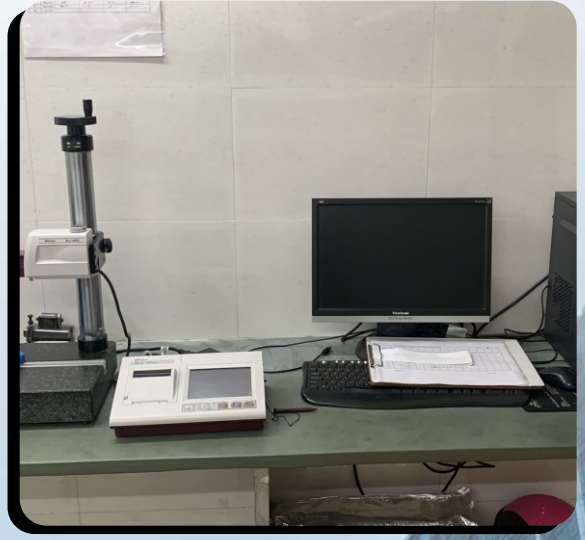
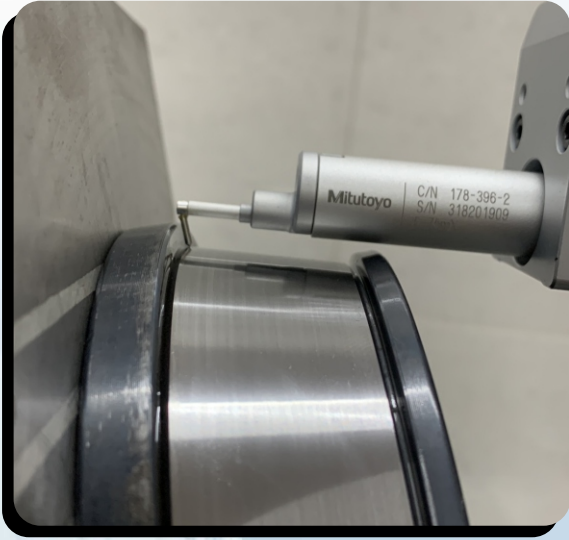




COMPANY PORTFOLIO

PASSION FOR PRECISION







WELCOME TO THE

NKC BEARING



About Us

Appreciated, reputed and recognized for manufacturing and supplying a wide range of bearings with superior quality, NKC Bearing LLP was set up in the year 2018 at Rajkot district of Gujarat. Our bearings are manufactured using cutting-edge machinery and superior grade materials and our engineers and support staff ensure the compliance with the industry laid norms. Automotive and Industrial segments are some of the sectors that our bearings find wide applications. We also offer to produce customized bearings as per designs, sizes and specifications provided by the customers.

We are established as a LLP & currently operated under the supervision of six techno crafts. Their enormous experience and profound knowledge of bearing industry, has enabled us to successfully cater to ever-growing number of our customers across the nation and worldwide.



Our Vision

To be the most preferred company for our customers, employees and suppliers in the bearing industry.



Our Mission

To build long term relationships with our customers by manufacturing high-quality bearings, on-time, with exceptional customer service, at a competitive price while maintaining our pursuit of continuous self improvement, growth in our operations and employees.

Product Quality

- Steel for rings and rollers : SAE 52100.
- Heat treatment : Spheroidized Annealing maintaining MARTENSITE structure.
- Cage material : CRCA EDD.
- Raceway Finish : We ensure a crawling profile while Grinding as well as in honing machines (This helps to improve bearing life as well low noise generation).
- Grouping : Rollers and balls are grouped (in a size variation of 3 microns) in each bearing for proper load distribution.
- Packaging : All bearings are washed, air cleaned and oiled before packing to prevent rust.

GD&T		Inner Ring	Outer Ring
Parallelism	//	< = 0.005 mm	< = 0.005 mm
Circularity	○	< = 0.005 mm	< = 0.005 mm
Cylindricity	⊗	< = 0.005 mm	< = 0.005 mm
Squareness	▭	< = 0.005 mm	< = 0.005 mm



Manufacturing Facility

Shop floor area : **5076 Sq. Ft.**

Production capacity : **200K bearing per annum**

State of the art machinery :

- Duplex Grinding : Landis Gardner
- Centerless Grinding : Solar Machine
- Internal & External Grinding : Solco Ignite Inc. (with Glass Scale & IPG)
- Internal & External Honing : Pragati Engineering (Servo Controlled)
- Roller Grouping : Excellent Engineering
- Automatic Washing & Oiling : Bhagwati Engineering
- Automatic Roller Filling : Belief Automation



Quality Assurance

Measuring Equipment :

Make Mitutoyo & Baker

- Slip Gauges - 0 grade (Steel)
- SJ-412 Roughness Tester (Testing RA, PT)
- Ring Gauges
- Hardness Tester (HRC, HRB)



Tests & Certifications :

ISO/IEC : 17025 Accredited Testing Laboratory by NABL

- Microstructure Examination (Carbide Structure)
- Chemical Analysis by Optical Emission Spectrometer

Applications

Our bearings find application in various critical equipments like Axle transmission, Gearbox, Wheel, etc. spanning across various sectors like Industrial, Railways, Aerospace, Agricultural, Marine & many others.



Aerospace



Agricultural



Railway



Industrial



Automobile



Marine

Product Range

Thrust Ball Bearings



- Our single direction thrust ball bearings consists of the shaft washer (ring), the housing washer (ring) and the cage-ball assembly.
- They are suitable for carrying axile loads only.
- We are developing special close cage for better performance in thrust bearing.

Following standard series are fully developed :

- Metric (51100)

Following standard series are under development :

- Imperial (04 - 026)

Taper Roller Bearings



- Our single row tapered roller bearings consists of inner ring, outer ring, tapered rollers and cage.
- They are suitable for carrying combined axial and radial loads.

Following standard series are fully developed :

- Metric
- Imperial

We also develop series as per Client's requirements.



Contact Us:

- 📍 Plot No. 101 Kishan Industrial Area, Rajkot - Gondal Highway (NH - 8B)
at Bharudi, Rajkot - 360 311 (GUJARAT)
- ✉️ info@nkcbearing.com
- ☎️ +91 99785 29882 / +91 99743 44903
- 🌐 www.nkcbearing.com

