

BEARING SERIES ON SALE:

- Deep Groove Ball Bearing
- Thrust ball bearing
- Wheel hub bearing
- Pillow Block Bearing
- Tapered roller bearing
- Cylindrical roller bearing
- Self-aligning roller bearing
- Angular contact ball bearing

TOP-TIER BEARING BRAND:



BNJ[®]

BNJ[®]



Seiko



Mute



Longevity

HIGH- PRECISION

BEARING SELECTION MANUAL



WELCOME ALL OF OUR CUSTOMERS

TO VISIT THE FACTORY AND NEGOTIATE

- Direct sales from the source factory
- Complete testing equipment
- Supporting processing with drawings and samples
- Large amount of spot inventory



BEARING PRODUCTION WORKSHOP



Bearing heat treatment



Grinding machine workshop



Precision testing



Adequate inventory

- 01 Source manufacturer**
Directly supplied by the manufacturer, eliminating the need for intermediaries to increase prices, More affordable prices
- 02 Professional team**
Provide systematic bearing application solutions, professional pre-sales Guidance on bearing selection to ensure worry free operation
- 03 After sales guarantee**
Each set of bearings must be strictly inspected and inspected layer by layer before leaving the factory to ensure high quality of the bearings
- 04 Comprehensive services**
Dedicated personnel follow up, attentive service, and an engineering team of 7 * 24 hours Careful protection,.

COMPANY PROFILE

Let the world fall in love with Made in China

Shandong Bangjie Bearing Co., Ltd. is a bearing service platform jointly operated by multiple physical bearing factories. The company is a new-type enterprise specializing in bearing design, production, and sales. Our trading company boasts its own brand "BNJ", and we strictly control the quality of bearing products. From the procurement of high-quality bearing steel to product production, every process undergoes rigorous inspection and testing to ensure product quality and stability, and to guarantee that product performance and quality meet customer requirements.

WELL-KNOWN BRAND

Let the world fall in love with Made in China

The company acts as an agent to sell well-known domestic and foreign brands:

Such as SKF, FAG, INA, NSK, NTN, KOYO, TIMKEN, etc.

BEARING BRANDS



FORGING AND HEAT TREATMENT

Aixielin heat treatment process



FORGING PROCESS



HEAT TREATMENT

GRINDING WORKSHOP

Superfinishing of inner/outer rings



Bearing grinding is the core process of bearing manufacturing, which mainly includes three stages: rough grinding, semi-finishing grinding and finishing grinding. The purpose is to remove machining allowances and improve surface quality and precision.

QUALITY INSPECTION

Step-by-step verification

In the testing department, there are complete precision testing equipment, such as vibration tester, hardness tester, spectrometer, profilometer, roundness tester, etc. The bearings will undergo strict testing before leaving the factory to ensure the high quality of the bearings.



Profilometer



Spectrometer



Roundness Tester



Magnetic flaw detector



Digital measuring instrument



Metallographic microscope

BALL BEARING SERIES PRODUCTS

ROLLING BEARING SERIES

PRECISION COMPONENTS

- High-carbon chromium bearing steel for superior durability
- Precision-ground steel balls ensuring smooth rotation
- Reinforced cages maintaining optimal ball alignment
- Premium lubricants extending service life under high loads



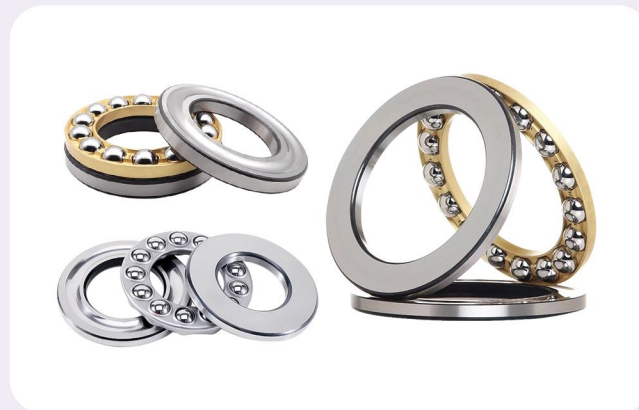
DEEP GROOVE BALL BEARING



ANGULAR CONTACT BALL BEARING



SELF-ALIGNING BALL BEARING



THRUST BALL BEARING



PILLOW BLOCK BEARING

OTHER MAIN BEARING SERIES

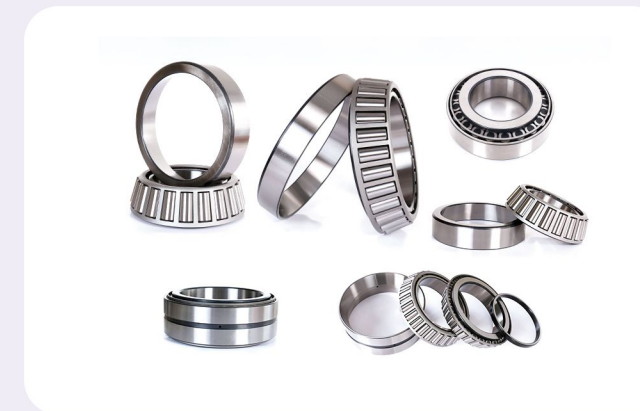
ROLLER BEARING SERIES



CYLINDRICAL ROLLER BEARING



SELF-ALIGNING ROLLER BEARING



TAPERED ROLLER BEARING



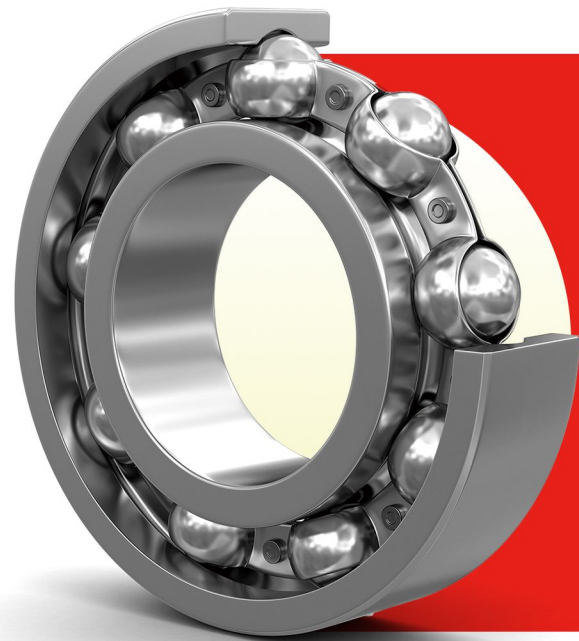
NEEDLE ROLLER BEARING



LINEAR BEARING & GUIDE RAIL SLIDER



WHEEL HUB BEARING



DEEP GROOVE BALL BEARING

Deep groove ball bearings come in two types: single-row and double-row, and are composed of an outer ring, an inner ring, a set of steel balls, and a set of cages.



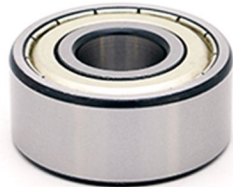
ANGULAR CONTACT BALL BEARING

Precision angular contact bearings built for speed and rigidity. 25°–40° contact angles, steel or brass cage options available.



Model range of **BNJ**[®] Bearings

We can provide our customers with a full range of deep groove ball bearings, such as open series, ZZ series, 2RS series, stainless steel series, and miniature deep groove ball bearings.

			
Open type (Without Seals)	-ZZ type (Metal Shields)	-2RS type (Rubber Seals)	-M type (Machined Brass Cage)
6000-6064 6200-6248 6300-6338 6403-6426	6000-6056 6200-6230 6300-6320 6403-6418	6000-6056 6200-6232 6300-6322 6403-6418	6000-6044 6200-6244 6300-6340 6403-6418
			
N type (Snap Ring Groove)	-A type (Double Row)	SS- type (Stainless Steel)	Miniature&Thin Section
6000-6048 6200-6240 6300-6330 6403-6410	4200A-4218A 4300A-4314A	6800-6816 6900-6916 6000-6014 6200-6214 6300-6314	MR52-MR148 683-689 693-699 603-609 623-629 634-639

Model range of **BNJ**[®] Bearings

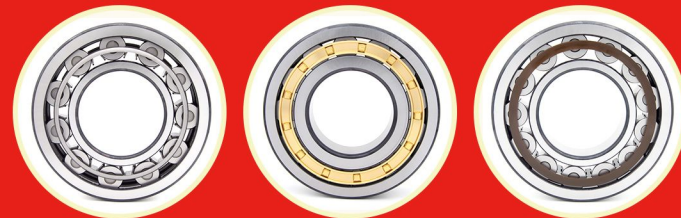
We can provide our customers with a full range of angular contact ball bearings, such as: AC type, ACM type, B type, 718/719 thin-walled series, QJ series, as well as double-row angular contact ball bearings, etc

			
AC Type (25°Contact Angle)	ACM Type (Mechined Brass Cage)	B Type (40°Contact Angle)	718/719 Series (Thin Section)
7000-7048 7200-7248 7303-7340	7000-7040 7200-7240 7300-7340	7000-7040 7200-7240 7300-7340(B/BM/BW)	71800-71848(C/AC) 71900-71940(C/AC)
			
Double Row Angular Contact	QJ Series (Four-Point Contact)	BTN/TN1 Type (Nylon Cage)	Matched Arrangements
3200-3222 3300-3322 5200-5218 5302-5320	QJ206-QJ324 QJ1000-QJ1084	7303BTN-7328BTN 760201TN1-760226TN1	DB(Back-to-Back) DF(Face-to-Face) DT(Tandem) SU/UL



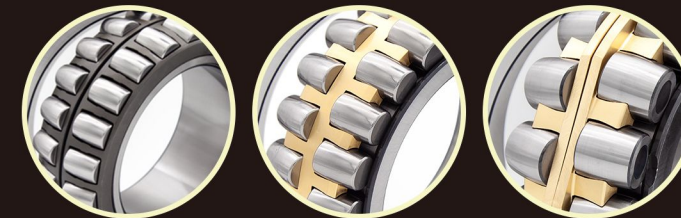
CYLINDRICAL ROLLER BEARING

Available with machined brass cages (M), pressed steel cages (EW), and glass-fiber reinforced polyamide cages (BTN) for optimized performance across speed and load conditions.



SPHERICAL ROLLER BEARING

Spherical roller bearings are engineered to handle heavy radial and axial loads in both directions while accommodating misalignment.



Model range of **BNJ**[®] Bearings

available in NU, N, NJ, NUP, and NF configurations to suit every mounting requirement. Full-complement and double-row designs extend the range from heavy-duty to high-precision spindles.



NU- Type

202-264 304-364 404-430
2204-2252 2304-2340



N- Type

202-264 304-352 404-430
2204-2252 2304-2340



NJ- Type

202-264 304-352 404-430
2204-2252 2304-2340



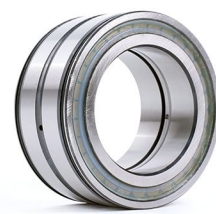
NF- Type

202-264 304-352
404-430



NUP Type

202-264 304-352 404-430
2204-2252 2304-2340



NCF / NJG Series

1852-1896 2210-2240
2910-2960 3010-3052
2304-2360



NN / NNU Series

NN3005-NN3064
NNU4920-NNU4964
NN49K / NNU49K series



FC / FCD Series

FC2430120-FC2838120
FCD3045120-FCD5678275

Model range of **BNJ**[®] Bearings

Comprehensive coverage of standard and high-performance designs, including stamped steel cage (CC), machined brass cage (CA/MB/MA), and upgraded E-type series. Also supplying sealed and split configurations for specialized applications.



-CC Type

213(04-20) / 222(05-48) / 223(08-44)
230(20-96) / 231(20-84) / 232(18-80)
239(34-72) / 240(18-72) / 241(20-72)



-CA Type

213(04-20) / 222(05-48) / 223(08-44)
230(20-96) / 231(20-84) / 232(18-80)
239(34-72) / 240(18-72) / 241(20-72)



-MB Type

222(05-48) / 223(08-44) / 230(20-96)
231(20-84) / 232(18-80) / 240(18-72)
241(20-72)



-MA Type

222(05-48) / 223(08-44) / 230(20-96)
231(20-84) / 232(18-80) / 240(18-72)
241(20-72)



-E / E1 Type

222(05-48) / 223(08-44) / 230(20-96)
231(20-84) / 232(18-80) / 240(18-72)
241(20-72)



- 2RS Type

222(05-40) / 223(08-32)
230(20-52) / 231(20-44)



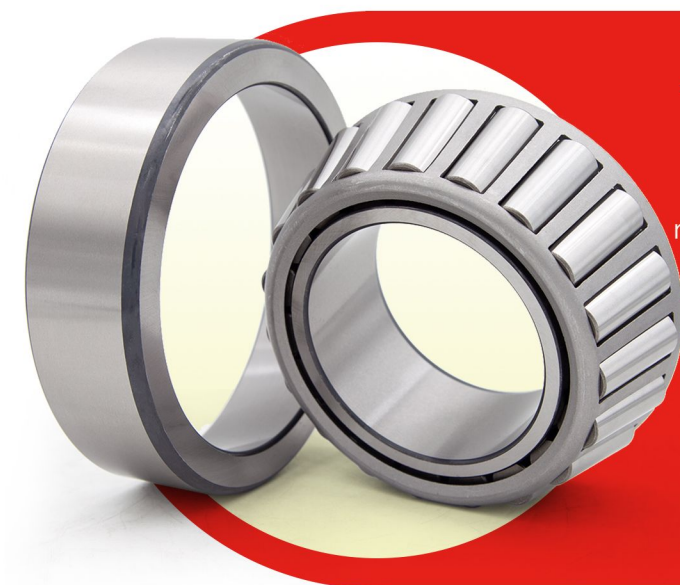
Single Row

20204-20220
20304-20320



Split Type

222S.100-222S.500
223S.100-223S.400
230S.100-230S.400



TAPERED ROLLER BEARING

Tapered roller bearings are designed with inner and outer raceways in a cone shape, allowing them to handle combined radial and axial loads in one direction.



| Model range of **BNJ**[®] Bearings

Tapered geometry provides excellent load distribution and extended service life. Metric (302/303/322/323/329/330) and inch series available in single, double, and four-row designs. Ideal for gearboxes, differentials, and rolling mill applications.



Light & Medium Series

302(02-44) / 303(02-44)
320(04-24) / 322(04-40)



Heavy & Wide Series

323(04-36) / 329(06-24)
330(05-28) / 331(08-20)
332(05-22)



Standard Inch Series

EL / LL / L / LM / M / HM / H / HH
EH(e.g. LM11700, HM89400, H913800)



Large Bore (d≥180mm)

302(36-64) / 303(36-64)
322(36-64) / 323(36-64)



Ultra-Thin Section (329)

32904-32920



Double Row -TDO / TDI

48200-48236 / 48300-48336
46200-46236 / 46300-46336



Four Row-Rolling Mill Type

37200-37236 / 47200-47236
47300-47336



Matched Pairs

DB / DF / DT / SU / UL
available on request

THRUST BEARING

Engineered to handle high axial loads in one or both directions with minimal radial capacity. Available in ball, cylindrical, needle, and spherical roller designs to suit every application.



| Model range of **BNJ**[®] Bearings

We supplies a complete thrust bearing lineup covering ball, roller, and combined types in both metric and inch dimensions. Custom washers and precision angular contact thrust units available on request.



Thrust Ball-Single Dir.

51100-51180 / 51200-51252
51304-51330 / 51405-51430



Thrust Ball-Double Dir.

52205-52238 / 52307-52316
52405-52420 / 54205-54230
54305-54320



Cyl. Roller Thrust

81100-81196 / 81200-81296
89300-89376 / 89400-89480



Needle Roller Thrust

AXK0414-AXK160200
AXW10-AXW60 / AX 系列



Spherical Roller Thrust

29230-29280 / 29320-29380
29412-29480 / 294500-2941000



Tapered Roller Thrust

TTHD(100-2500) TTI(050-1200)
TTC(0600-1500) 994(24-56)



Bi-Dir. Angular Contact Thrust

234406-234480
234706-234780



Combined Bearings

NKXR(15-50) / NKXR.Z(15-50)
NAX(1523-6040) / NKX(10-70)
NKX.Z(10-70)



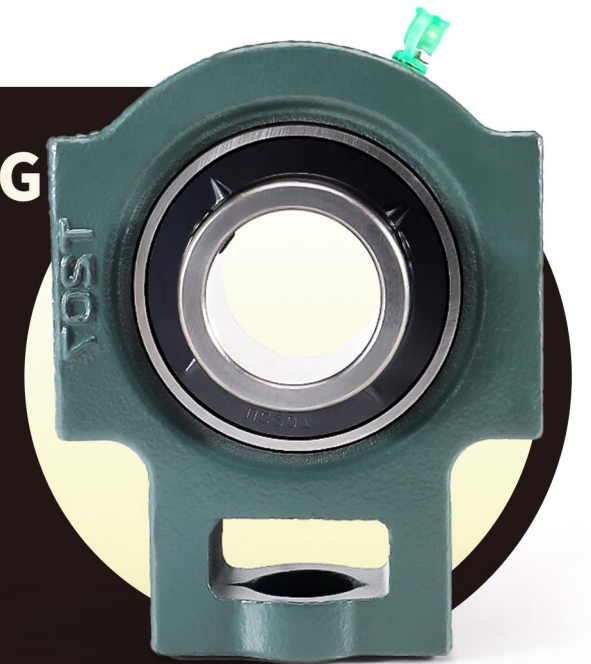
INSERT BEARING

Insert ball bearings feature a spherically ground outer ring that allows for self-alignment within the housing. The wide inner ring and various locking mechanisms ensure a secure fit on the shaft under radial and moderate axial loads.



PILLOW BLOCK BEARING

Engineered for rapid installation and reliable performance in contaminated environments. Self-aligning capability corrects misalignment, while dual seals protect against dust and moisture.



Model range of **BNJ**[®] Bearings

Available in metric and inch dimensions with stainless steel, narrow, and square bore options to meet specific engineering demands. Standard UC/UK/UEL designs plus stainless, narrow, and square bore specials available.



UC Series
UC201-UC218
UC305-UC322



UK Series
UK205-UK218
UK305-UK316



UEL Series
UEL201-UEL220
UEL305-UEL320



UE Series
UE201-UE212



SA / SB Series
SA201-SA212
SB201-SB212



SSUC Series
SSUC201-SSUC211



Square Bore Series
SQ201-SQ212
SQ305-SQ312



UD Series
UD205-UD210



P Series
P203-P220 / P305-P328
Fits: UC / UE / UEL / UK
SA / SB / SSUC / SQ



PA Series
PA203-PA213
Fits: UC only



PH Series
PH203-PH216
Fits: UC / UK



F Series
F203-F220 / F305-F328
Fits: UC / UE / UEL



FA / FB Series
FA203-FA213 / FB203-FB213
Fits: UC only



FC Series
FC203-FC220
FC305-FC320
Fits: UC / UK



FL Series
FL203-FL218
FL305-FL315
Fits: UC / UEL



T / TA Series
T203-T220 / T305-T328
TA203-TA220 / TA305-TA328
Fits: UC / UEL



WHEEL HUB BEARING

Engineered for precise fitment across global vehicle platforms. Our hub bearings ensure smooth rotation, reduced noise, and enhanced driving safety. Compatible with OEM specifications for seamless integration into passenger cars, SUVs.



Model range of **BNJ**[®] Bearings

Interchangeable with SKF, FAG, TIMKEN, NSK, and KOYO references. Suitable for Asian, European, and American vehicle models including passenger cars, SUVs, and commercial vehicles.



DAC Series

DAC2552 / 2760 / 2953 / 3051 / 3462
DAC3562 / 3862 / 4072 / 4272 / 4580



TBU Series

TBU2552 / 2760 / 2953 / 3051 / 3462
TBU3562 / 3862 / 4072 / 4272 / 4580



4-Hole Flange

DAC2F08 / 2F09 / 2F10 / 2F11 / 2F12 / 2F13
VKBA1501-VKBA1900



5/6-Hole Flange

DAC2F16 / DAC2F17 / DAC2F18 / DAC2F19
HA590100-590300 / VKBA1300-1500



Integrated Hub Units (With ABS)

HU590001-HU590300
527000-527300 / 43500-435300
512001-512300 / HA590501-591000



Inch Series -Tapered Roller

LM11749/10 / L44643/10
LM67048/10 / M88048/10
25577/20 / 387/382A / 3984/20



Inch Series -Ball Bearing Sets

SET1-SET38 / A1-A38
B1-B38



Repair Kits & Accessories

BR590001-590100 / GW590001-590100
OR590001-590100 / HK590001-590100

LINEAR MOTION SYSTEMS

Specially designed for precise, low friction linear motion of automation, CNC, semiconductor, and packaging equipment. Our guide rails, shafts, and bushings are directly interchangeable with HIWIN, THK, PMI, and IKO profiles.



Model range of **BNJ**[®] Bearings

Interchangeable with HIWIN, THK, PMI, IKO, and Samick references. Available in Normal (N), High (H), and Precision (P) accuracy classes. Block configurations include standard (C), long (H), and super-long (HA).



HG Series

HG15 / HG20 / HG25 / HG30
HG35 / HG45 / HG55 / HG65



EG Series

EG15 / EG20 / EG25
EG30 / EG35 / EG45



MG / MGW Series

MGN7-MGN25
MGW7-MGW25



RG Series

RG15 / RG20 / RG25 / RG30
RG35 / RG45 / RG55 / RG65



Hardened Shafts

SFC10-SFC50
SFH12-SFH40



Linear Bushings

LM6-LM50 / LMF6-LMF50
LMK6-LMK50 / LMH6-LMH50
LM-(L6-L50) / LMES(6-50)



Open-Type

LM-OP6-LM-OP50 /
LMC6-LMC50 /
SAMICK LMG



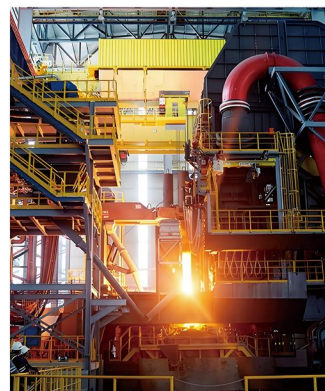
Aluminum Slider Blocks

SC8-SC50 / SCE8-SCE50
SBR8-SBR50 / TBR8-TBR50

Application areas of **BNJ**[®] Bearings

As a transmission component of mechanical equipment, the service life of bearings plays a significant role in enhancing productivity. Bearings are widely used in various fields, and here we list some representative industries.

SUITABLE FOR A WIDE RANGE OF COMPLEX WORKING ENVIRONMENTS



Metallurgy

Equipment such as steel smelting equipment, high-temperature melting furnaces, and steel rolling mills require bearings with high temperature resistance due to prolonged exposure to high temperatures.



Energy

It is primarily used in high-temperature coalification pressure reactors, oil-immersed transformers, and other equipment. These devices are subjected to extremely harsh conditions, and thus, have stringent requirements for bearing quality.



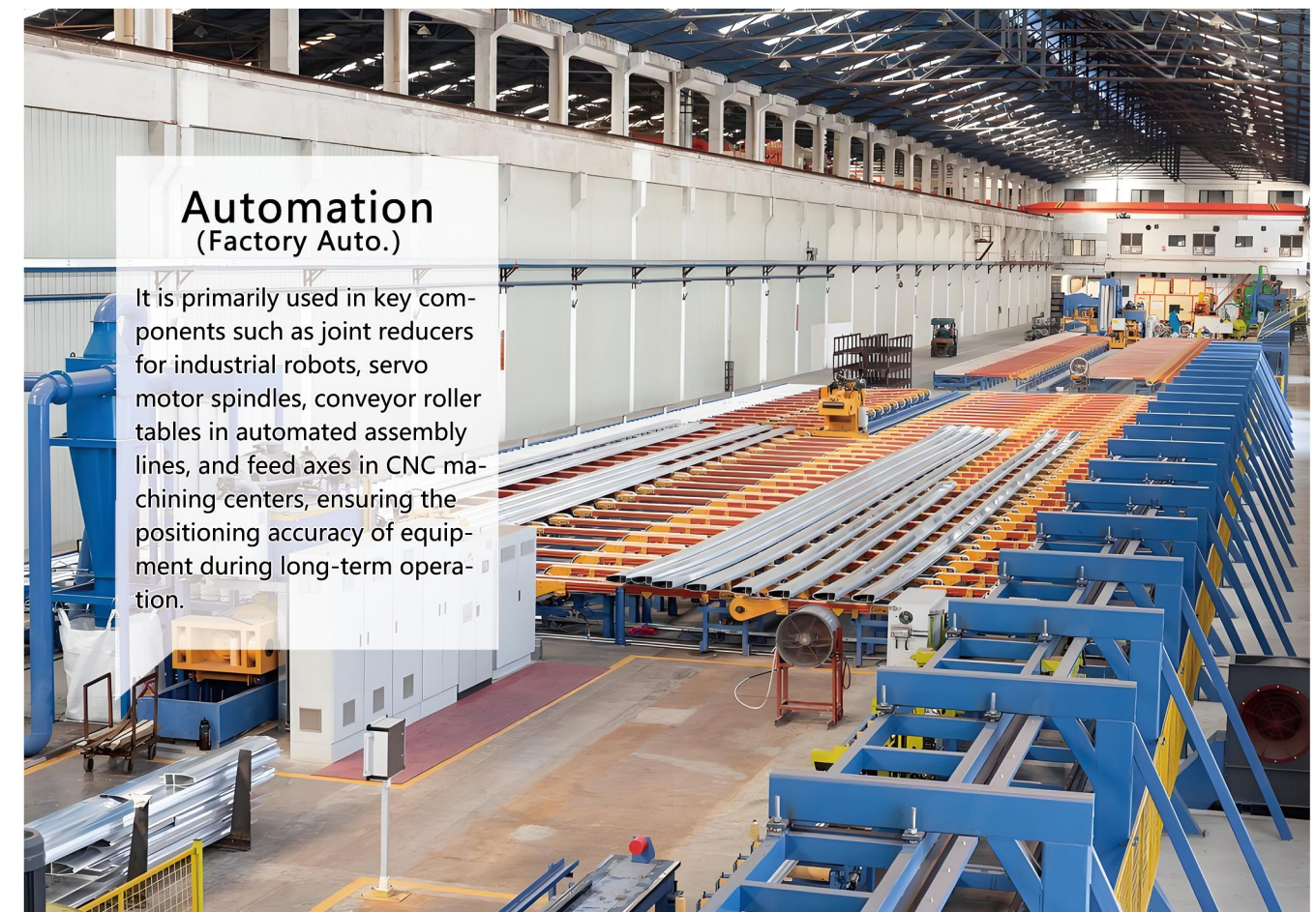
Oil & Gas

The pumps and valves of the refining and chemical equipment, as well as the compressor main shafts, operate under high loads, with corrosion-resistant sealing designs to ensure continuous production without any downtime.



Aviation

It is primarily used in core components such as aircraft engine main shafts, landing gear retraction systems, flight control system actuators, aviation hydraulic pumps, satellite attitude adjustment mechanisms, and rocket turbo pumps.



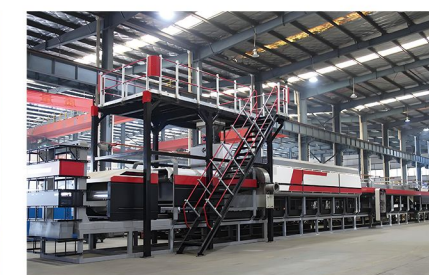
Automation (Factory Auto.)

It is primarily used in key components such as joint reducers for industrial robots, servo motor spindles, conveyor roller tables in automated assembly lines, and feed axes in CNC machining centers, ensuring the positioning accuracy of equipment during long-term operation.



Heat Treating

Carburizing furnaces, quenching tanks, tempering furnaces, mesh belt conveyor lines, vacuum heat treatment equipment, and cooling fans, among others. Bearings are required to maintain stable performance in harsh operating environments.



Li-ion New Energy

Bearings are widely used in key positions such as the mixer spindle, coater back roll, roller press roll, and precision guide rail of the laminator in the lithium battery production line.



Laundry

The main focus is on the excellent sealing performance of key components such as the drum spindle of washing equipment, the rotating shaft of dehydrators, the supporting roller of dryers, and the press dehydrator, under high-temperature steam conditions.

More fields: automotive gearboxes, kiln cars, motors, steel mills, boilers, transportation vehicles, spraying equipment, textile machinery, paper printing machinery, lifting machinery, etc. We sincerely provide you with professional and high-quality bearing supporting solutions.

BNJ[®]

● Pursue Excellence and never give up

The goal of BNJ bearings is to continuously improve quality, provide products that exceed customer expectations, and ensure customer satisfaction with peace of mind. We not only produce precision bearings, but also strive to become a provider of bearing application solutions, providing customers with comprehensive solutions; We not only sell high-quality bearings, but also strive to become a trusted business partner for our customers.

Beyond standard production, we offer made-to-order solutions tailored to your requirements. Whether it is custom dimensions, special materials, or branded packaging, BNJ Bearing serves as your reliable manufacturing partner. **OEM** and **ODM** services are available with flexible **MOQ** and fast turnaround.

"Turning the beautiful world, **BNJ** escorts you..."



THANKS FOR YOUR TIME