



Bearings  
Power Transmission Components  
Slewing Rings & Drives



NBC are the exclusive distributors of QCB under which a broad range of bearings is manufactured which are finding increasing acceptance with OE manufacturers due to a reputation for quality, performance & value for money.

The QCB bearing range includes:-

- Ball bearings (including miniature & high precision)
- Cylindrical roller bearings
- Needle roller bearings
- Cam & Track roller bearings
- Taper roller bearings
- Spherical roller bearings
- Ball, roller & spherical roller thrust bearings
- Spherical plain bearings
- Rod ends



## QCB Spherical Roller bearings for Extreme Conditions

So called "Shaker screen bearings" are not just standard spherical roller bearings... they have improved dimension tolerances & reduced radial clearance bands to ensure optimum performance. The range includes:-

- Q80 Series

Brass cage, modified C4 & restricted ID & OD tolerances

- Q405 Series

Steel cage, C4, P5 ID & P6 OD tolerance

- Q41 Series

Steel cage, C4, restricted OD tolerance



# Bearing Units



The simplest housed bearings consist of a self-lubricating ball bearing insert in a pressed steel or cast iron housing which find use in a wide range of industries including quarry plant.



NBC housings benefit from years of development with subtle design enhancements that maximise bearing life.



- Pressed steel pillow blocks & flange units
- Pillow blocks (standard & short base type)
- Flange units (2 and 4 bolt type)
- Take-up units
- Cartridge bearing units
- Hanger bearing units



To match our housing range we offer

- Inch & metric bore sizes to 4" / 100mm
- Set screw & eccentric locking collar style
- Taper bore & sleeve mount
- Flinger, triple-lip and 5-lip seals
- End covers (specific housings styles only)
- OEM branding



Thermoplastic & completely Stainless steel units are also available where cleanliness is paramount as in the food & beverage & pharmaceutical industries.



# Bearing Housings



For more demanding applications a heavy duty housing series is on offer.

Predominantly manufactured in cast iron, shaft diameters range from 20mm to > 400mm.

For added strength, spheroidal graphite cast iron or even cast steel units are available to order.

NBC stocks a vast range of housings & component parts including:-

- 7225 & the new FNL Series housings
- SN, SNA, SNH & SNL housings
- SD, SN30, SAF, SOFN, SBD, SDG & THD housings
- Split bearings
- Ball or spherical roller bearings,
- Adapter sleeves
- Seals including felt, rubber, labyrinth seals & taconite styles



NBC Group is Official Distributor of Rexnord-LinkBelt & SEALMASTER bearings & housings for the UK



# PTP Transmission & Drive Components



Transmission & drive components are essential in industry to connect moving parts in machinery.

NBC offers an extensive range of components that enable mechanical power to be transmitted effectively & reliably in the most extreme environments.



- V-Belt Pulleys
- Timing Belt Pulleys
- Timing Belts
- Sprockets
- Platewheels
- Roller Chain
- Couplings
- Taper bore bushes
- Shaft locking devices
- Weld-on Hubs
- Gear rack
- Pinions

Official Distributor  
SWR belts for the UK



# Slewing Rings & Slewing Drives



Slewing Rings are capable of supporting axial, radial & moment loads in combination & in a single, easy to install bearing unit. They offer an elegant solution to the problems of load carrying, stability & power transmission.

QCB's own QCB Slewing rings range from 170mm to 8m diameter in all design styles & are now sold worldwide with a reputation for innovative design & rapid response, backed by extensive UK stock.

Worm & Spur Gear Slewing Drives combine a geared slewing ring & shaft in a common housing! The latest designs add a second raceway to enhance the load carrying capacity.

Our in-house design team can advise on all aspects of bearing, gearing & drive design to offer a complete solution.

## Applications

- Access platforms
- Airport jetbridges
- Amusement rides
- Bottling machines
- Cable carousels
- Calm buoys
- Concrete pumps
- Cranes
- Excavators & attachments
- Forestry equipment
- FPSO systems
- Hose umbilicals
- Medical equipment
- Military turrets & Radar
- Palletisers
- Light Rail Systems & Trams
- Robotics
- ROV launch systems
- Ship loaders
- Spreading beams
- Stacker/ reclaimer systems
- Stockpile conveyors
- Theatre & SFX rigs
- Tunnel boring machines
- Turnover jigs
- Turntables
- Waste water treatment plant
- Winches
- Wind turbines (yaw & pitch)



[www.QCBslewingrings.com](http://www.QCBslewingrings.com)



# We are best known as OEM suppliers !

Established over 60 years ago, NBC Group Limited is a leading UK bearing & power transmission components company based in Shropshire, England.

NBC is recognised for providing a high quality, compatible & cost effective alternative to established market leaders much of which is now marketed under NBC's registered brand name QCB.

As a key supplier to major industries including mining, construction, agriculture & offshore engineering, the company appreciates the demanding requirements & operating conditions experienced in operation. Where heavy loads, severe misalignment & extreme contamination are factors, bearings (and other parts) are developed for superior performance that keep equipment up and running.

Quality is what drives us... it's the "Q" in QCB

All products are manufactured in ISO 9000 certified facilities & to established industry standards.



Comprehensive stock holding reduces downtime

With over 100 000 sq ft of warehousing space we work closely with our customers & hold dedicated contract stock, allowing customer deliveries to be reliably scheduled on a Just-in-time basis which eliminates production delays.

NBC Serves a wide range of industries internationally

Mining & quarrying  
Material handling  
General engineering

Recycling  
Food processing  
Chemical

Nuclear  
Offshore engineering  
Automotive

Construction  
Military  
Agriculture

- QCB Bearings
- QCB Slewing Rings & Drives, Ring Gears & Pinions
  - TR Bearing Units
  - SWR Belts
  - GREASEMAX Auto Lubricators
    - BGL Adapter Sleeves
  - PTP Power Transmission Products
    - IWIS Chains
    - TENTE Wheels & Castors
- REXNORD-LINKBELT Seal-Master Bearings
  - ADAN Hydraulic Motors
  - ROSSI Geared Motors

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