

Bearings & Seals

Brammer is the UK and Europe's leading bearing distributor. Every year we sell over 25 million bearings across Europe. As a result of this scale, Brammer offers the largest, most comprehensive range and stock of bearings anywhere in Europe.



Highest quality bearings for longer life and optimal performance:

- The widest range and largest stock of bearings anywhere in Europe
- The only Authorised Distributor for all five leading brands: SKF, NSK, Timken, Schaeffler and Cooper
- Leading technology innovation from our strategic supply partners

Access to technical expertise:

- As the industry's leading Authorised Distributor, we pride ourselves on our product knowledge and technical support – available to all customers at all times
- A highly trained team of experienced professionals provide on-site repair and installation services and offer technical help and engineering solutions
- As an Authorised Distributor we can also provide technical support and advice direct from the manufacturer if necessary
- This provides any unique or specific bearing advice or guidance that may be required, as well as in-depth technical expertise

Preventative maintenance:

- Lifetime monitoring of bearings and extensive product knowledge enables us to plan a service schedule for preventative maintenance and ensure optimum performance throughout the product life
- Forward planning enables us to predict bearing failure, and allows for pre-planned replacement at the appropriate date, avoiding unscheduled downtime and delivering cost savings

Access to manufacturers' training:

- To ensure Brammer provides the highest level of technical support at all times, with in-depth product knowledge, awareness and complete understanding of customers' needs, staff regularly attend manufacturers' training courses. This training is also available to customers on request

Why you should choose an Authorised Distributor:

By buying from Brammer, an Authorised Distributor for the leading bearing and seals brands, the customer can be assured of not only the warranty and traceability of all the products supplied, but the latest design and specification, minimising risk of reworked, second hand, poor quality components from unauthorised sources:

- Brammer understands the importance of maintaining production line integrity and the financial impact of downtime resulting from breakdowns
- Guaranteed quality assurance, consistent part numbering, total product traceability and a full manufacturer's warranty will far outweigh any short term purchase savings

All the more reason to trust Brammer, the only Authorised Distributor for all five leading bearing brands and the UK's leading MRO distributor.



Unrivalled product choice and technical expertise.

Here are just a few of the product highlights to look out for within the Bearings & Seals section.



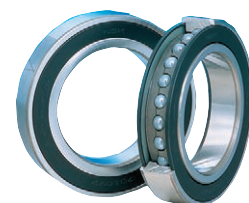
SKF Sealed Spherical Roller Bearing. See section 1. 40.



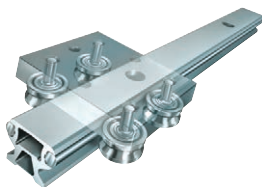
SKF Solid Oil Bearing. See section 1. 30.



Cooper Split Housed Bearing. See section 2. 67.



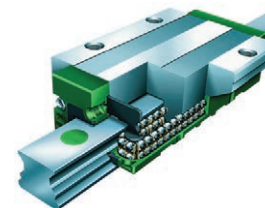
NSK/RHP Sealed Super Precision Bearing. See section 1. 53.



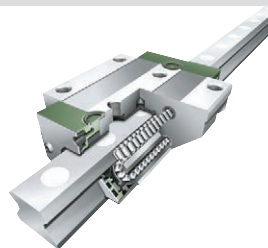
INA Track Roller System. See section 3. 77.



NSK/RHP Silverlube Housed Bearing. See section 2. 64.



INA Ball Type Profiled Linear Rail. See section 3. 78.



INA Roller Type Profiled Linear Rail. See section 3. 78.



INA KN Ball Bushing. See section 3. 72.



Gaskets. See section 4. 116.



Natural Fibre Packings. See section 4. 102.



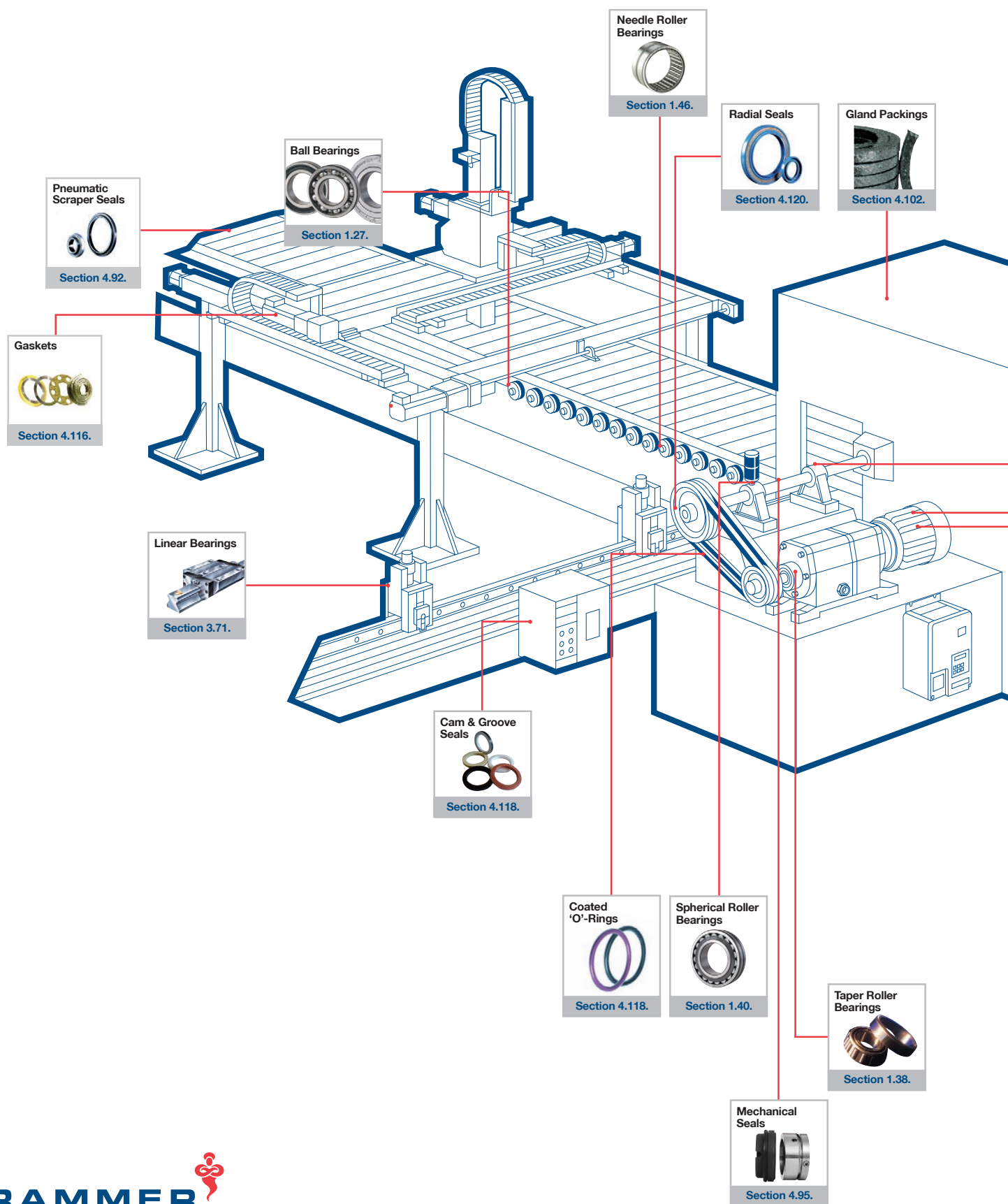
Multi Spring Seals. See section 4. 95.

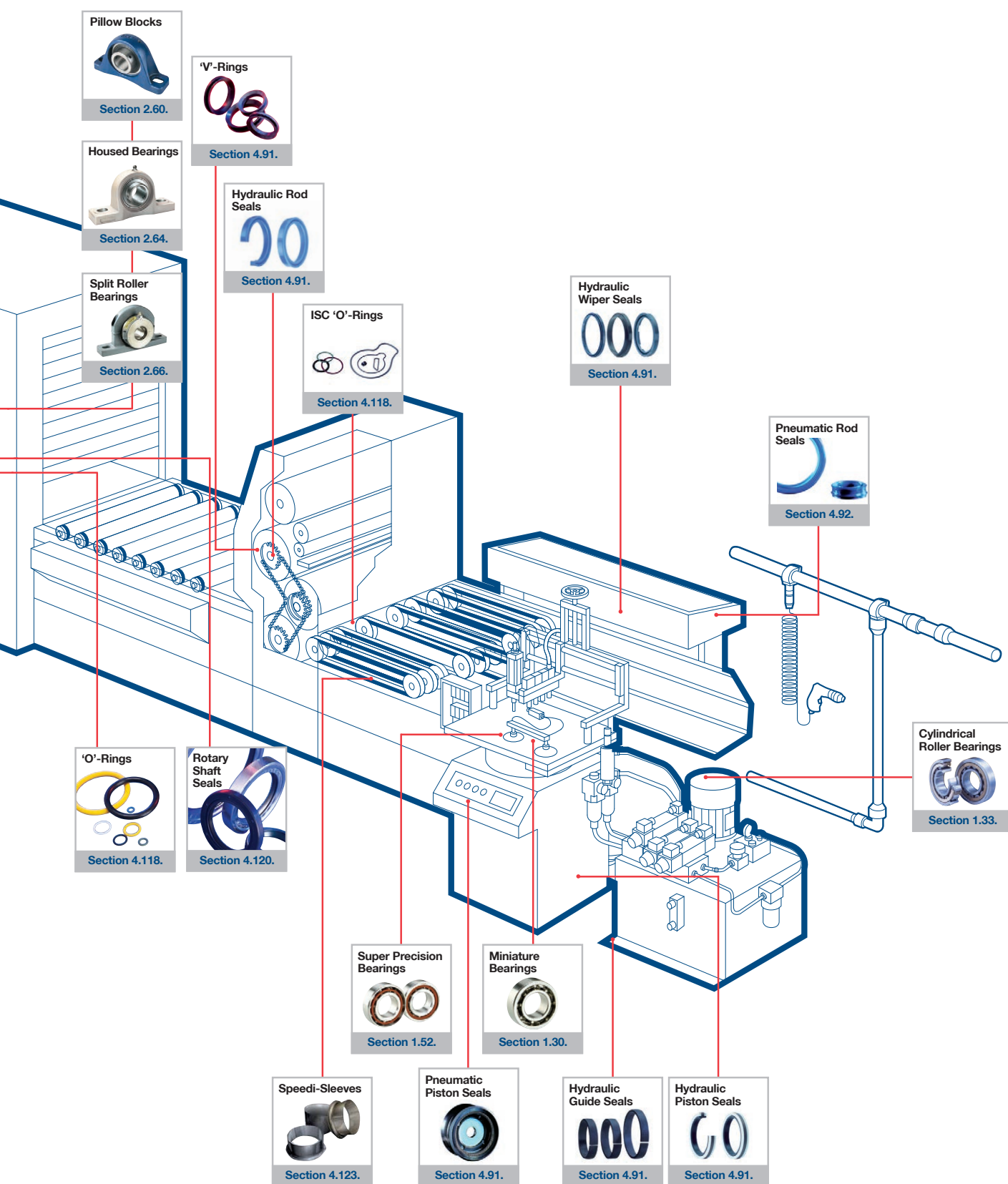


Bellows Seals. See section 4. 97.

Bearings & Seals

from the UK's leading distributor





World-beating innovation

Thanks to our close association with the world's leading engineering brands, innovation is second nature to Brammer and the added value we pride ourselves on is standard for every Brammer customer.

Sealed Spherical Roller Bearings – SKF

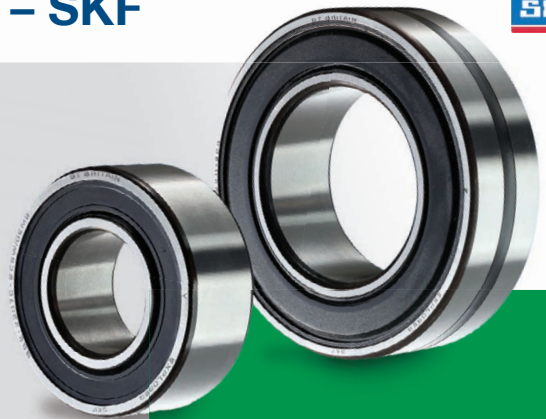


Features

- Double-lip, sheet steel reinforced seals
- Appropriate grease for operating conditions
- Very high combined load carrying capacity
- Bearing component dimensionally stabilised for high temperatures

Benefits

- Operational costs drastically reduced
- Longer service life
- Environmentally friendly
- No lubrication system to maintain
- Easy to handle, maintaining alignment during mounting
- Safer handling and mounting reduces the risk of contamination



Typical Applications

Elevators, Mining and Construction Equipment, Food Processing Machinery, Steel Manufacturing Machinery, Conveyors, Cranes, Crushers, Screens, Winding Rolls, Packaging Conveyors, Screw Pumps

Industries

• Construction • Automotive • Paper & Packaging • Utilities • Metals

Lifelube Housed Bearings – NSK



Features

- PBT thermoplastic resin housing
- Molded-Oil™ inserts (with solid lubricant)
- Martensitic stainless steel
- Nitrile rubber seals
- Available in NP, SF, SFT & ST equivalents
- Bore size 20mm – 40mm

Benefits

- Corrosion resistance
- Paint free housings, preventing chipping & flaking
- Resistant to contamination increasing operating life
- Ideal for operations where fluid process is unavoidable
- No need for re-lubrication



Typical Applications

Conveyor (Material Handling)

Industries

• Food & Drink • Mining & Quarrying

NEW

KUVE Ball Monorail Guidance System – INA

Part of Schaeffler Group

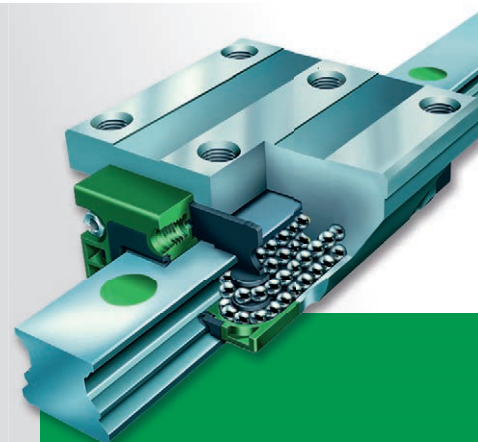


Features

- Four row, full compliment, linear recirculating balls
- Available in sizes (guideway width) 15 to 55
- Integral lubricant reservoirs adjacent to ball raceways
- Extensive range of interchangeable carriage types
- Comprehensive choice of wipers/accessories
- Wide guideway is also available

Benefits

- High accuracy, load capacity and rigidity
- Potential maintenance free operation subject to application
- Full complement design for maximum capacity and high rigidity
- Low friction, cost savings on power consumption



Typical Applications

Measuring Equipment,
Packaging Machinery,
Palletisers,
Medical Equipment,
Mechanical Handling

Industries

• Automotive • Glass • Paper & Packaging • Pharmaceutical

SE Bearing Housings – SKF



Features

- A modular design concept for a wide range of options for SKF self-aligning bearing systems
- A stiff and robust design made of high grade grey cast iron and ductile iron
- Very high machining accuracy
- Dimples to attach condition monitoring equipment
- Corrosivity class C3 according to ISO 12944 2:1998

Benefits

- Long bearing service life
- Reliable housing and bearing performance during operation
- Easy and reliable mounting
- Long relubrication intervals
- Low operating temperature
- Low maintenance costs



Industries

• Mining, Mineral Processing & Cement • Material Handling • Fluid Machinery
• Marine • Metals

Typical Applications

Conveyors, Fans and Blowers,
Paper Machines

World-beating innovation

Energy Efficient Bearings – SKF

Features

- Optimised internal geometry and roughness
- New Polymer Cage
- Low Friction Grease
- Made to standard ISO dimensions

Benefits

- Replaces conventional bearings in your motors, pumps, compressors and conveyors
- Uses 30 to 50% less energy compared to standard SKF bearings
- Service life doubled when compared to SKF standard shielded greased bearings in medium loaded application like electrical motors
- Reduced running temperature
- Higher speed capability +15%



Industries

- Construction • Automotive • Food & Drink • Mining & Quarrying • Recycling
- Paper & Packaging • Utilities • Metals

Typical Applications

Electric Motors, Pumps, Compressors, Fans

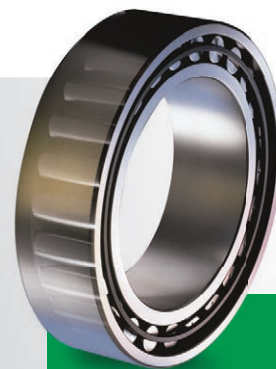
CARB Toroidal Roller Bearings – SKF

Features

- Angular and axial self-alignment
- Very high radial load capacity
- May well replace a spherical roller bearing on the non-locating side without major modifications
- The same mounting methods as for spherical roller bearings

Benefits

- Improved machine reliability
- Extended relubrication intervals
- Significantly longer bearing life
- Significantly longer lubricant life
- Down-sizing possibilities
- Reduced energy consumption
- Maintains constant torque in idler rolls, e.g. plastic film production
- Environmentally friendly



Typical Applications

Paper Machines, Continuous Casters, Fans and Blowers, Crushers, Grinding Mills, Industrial Transmissions, Conveyors, Textile Machinery

Industries

- Paper & Packaging • Mining & Quarrying

Silverlube Housed Bearings – NSK



Features

- Thermoplastic polyester resin housing
- High grade stainless steel (bearing rings, cage & balls, seal core and grub screws)
- Bearings are factory filled with grease approved to NSF H1
- Fully interchangeable with RHP Self-Lube units
- Standard stock product
- Available in pillow block, two-bolt flange, four bolt flange, take-up configurations up to 40mm shaft size

Benefits

- Corrosion resistant, ideal for frequent wash-downs – does not flake or chip even with rigorous cleaning
- Resistant to cleaning agents and chemicals and so are resistant to corrosion
- Suitable for use on equipment for the Food & Drink industry
- No expensive re-engineering to fit them



Industries

- Food & Drink

Typical Applications

Conveyors, Vegetable Peelers, High Care Areas of Food Production, Wet Areas/Frequent Wash Down Environments, Food Processing and Packaging Machinery

Extreme Temperature Bearings – SKF



Features

- Very wide operating temperature
- Low friction
- Customised SKF design
- No oil or grease required (SKF graphite technology VA208 and VA228)
- Available in flanged units (metric and imperial)

Benefits

- Environmentally friendly
- High reliability
- No maintenance
- Extended service life
- Less risk of lubricant-related fires



Typical Applications

Drying Ovens, Curing Oven Chains, Wafer Biscuit Ovens, Tunnel Furnace Rollers, Bloom Rollers, Furnace Doors

Industries

- Metals • Automotive • Food & Drink • Construction

World-beating innovation

NEW

ConCentra Ball Bearing Units – SKF



Features

- True concentric locking
- Available in single bearings or assembled with plummer block or flanged housings
- Available in both metric and inch
- Interchangeable with standard Y-bearings
- Available in E2. Energy Efficient and 5 lip seal

Benefits

- Fast and easy to mount and dismount
- No fretting corrosion, no unlocking
- No damage on shaft
- Smooth running
- Low vibration and noise levels



Typical Applications

Conveyor Systems,
Fans, Textile Machines,
Agricultural Machinery,
Food Processing Machinery,
Printing and Packaging Machines

Industries

- Food & Drink • Mining & Mineral Processing • Agriculture
- Textile • Material Handling • Fluid Power

Spherical Roller Bearing – Timken

TIMKEN

Features

- New nitrided stamped steel slotted cage design
- Optimised internal geometries and surface finishes provide positive axial roller guidance
- Circumferential roller guidance results in better roller / cage interaction
- Reduced operating temperature to extend the bearing life

Benefits

- Increased lubrication flow and purging of contaminants
- Lower operating temperature
- Increased capacity and extended bearing service life
- Greater reliability resulting in less maintenance and down time



Typical Applications

Castors, Conveyers, Gear Drives,
Pellet Mills, Shaker Screens,
Felt and Wire Rolls

Industries

- Cement • Aggregates • Power Generation • Mining • Pulp & Paper • Metal Mills

Split Housed Bearings – Cooper

COOPER
SPLIT HOUSED BEARINGS

Features

- Over a hundred years with quality and innovation in engineering
- Product offering caters to a wide range of applications and industries
- Split to the shaft roller bearings in 4 different series for bore sizes from 35mm – 600mm
- Different bearing mounting options are available including pedestals, round and square flanges, rod ends, take-up units and hanger blocks
- Pedestals mountings which are interchangeable with SN, SAF and SD pillow block units
- Mounting options are available in a variety of materials, including, grey and nodular iron, steel, aluminium and stainless steel
- Both the bearing and seals are housed in a cartridge with a spherical outer surface which fits into the matching surface of the mounting unit
- Wide variety of sealing options with the external alignment feature ensuring a superior sealing capability
- Supply a variety of special customised bearings to suit individual requirements

Benefits

A Cooper split roller bearing reduces production downtime and in many cases reduces the number of changes required and can result in:

- Saves on power consumption
- Where trapped locations are involved, split roller bearings are easier to fit eliminating the need to remove ancillary equipment and clutter on the shaft for bearing replacement to take place
- Easy to install, with pre-set clearances and
- No specialist fitting tools required, even in trapped positions
- The external alignment feature of the bearing cartridge permits static misalignment of up to 2.5°
- Ensures the seals are always concentric to the shaft

Industries

- Cement • Food & Drink • Mining & Quarrying • Metals • Aggregates
- Water Treatment • Power Generation • Marine



Typical Applications

Belt, Bucket and Screw Conveyors, Stacker Reclaimers, Ball and Hammer Mills, Roll Tables and Drive Shafts, Link-Spindles, Fans and Blowers

World-beating innovation

DDU Bearing Sealing Technology – NSK

Features

- Improved sealing performance compared with the industry standard seal type for deep groove ball bearings
- Grease and particle trap design
- Patented 2- non contacting labyrinth faces
- 1- contacting face
- Groove in inner ring
- E noise class as standard NSK design on deep groove ball bearings

Benefits

- Good availability
- Good water resistance
- Excellent grease retention
- Excellent dust resistance
- Inner ring groove provides additional barrier against contamination ingress
- NSK high performance DDU seal design is NSK's standard specification



MOTION & CONTROL
NSK

Industries

- General Applications

Typical Applications

Industrial Electric Motors,
Fans and Blowers,
Pump Motors,
Power Tools

Explorer Upgrade Self-aligning Roller Bearings – SKF

Now with extended bearing service life

Features

- Made of super-clean and tough upgraded steel
- Higher load-carrying capacity
- Lower operating temperature
- Reduced vibration and noise levels
- Longer lubricant life

Benefits

- Significantly improved wear resistance
- Twice the life in contaminated and poor lubrications conditions when compared with original Explorer
- Increased uptime and productivity
- Lower maintenance and operating costs
- Increased wear and contamination resistance



SKF

Industries

- Mining, Mineral Processing & Cement • Material Handling • Fluid Machinery
- Marine • Metals

Typical Applications

Gearboxes, Pinion Gears and Pumps, Fans and Blowers, Mining and Construction Equipment, Pulp and Paper Processing Equipment, Steel Manufacturing Equipment

Spherical Roller Solid-Block Housed Units – Timken

TIMKEN

Features

- Solid Steel housing with lifetime guarantee
- Pre assembled and pre lubricated at the factory
- New Timken High Performance spherical roller bearing with extended black oxide inner
- Primary and secondary sealing combinations
- Multiple shaft locking devices for quick and accurate installation
- Standard relief valve for non purging seals
- Wide range of housing configurations
- Multiple sizes available from 40mm – 180mm shaft and includes imperial sizes

Benefits

- Out of the box solution
- Preset and pre lubricated at the factory with no additional assembly
- Less than 10 minutes installation time
- Bearing never exposed to contaminants so can be installed on site
- Machined feet for one time alignment
- Lower lubrication consumption and can never be over greased
- Significantly increased maintenance intervals and unit uptime



Industries

- Cement • Aggregates • Power Generation • Mining • Pulp & Paper • Metal Mills
- Sugar Mills

Typical Applications

Cranes, Lifts, Hoists, Fans and Blowers

Solid Oil Bearings – SKF

Features

- Keeps the oil in position within the bearing
- Brings more oil to the bearing than grease
- Can withstand large centrifugal forces due to the solid oil cage
- Similar load ratings to standard bearings
- Available with specific food-grade greases

Benefits

- Reduced maintenance
- Ideal for inaccessible applications where maintenance is difficult
- Environmentally friendly
- Resistant to chemicals
- Keeps contaminants out


SKF

Typical Applications

Cranes and Traverses, Mixers, Wood Treatment Process, Bottling Machines, Overhead Cranes, Track Running Rollers

Industries

- Paper & Packaging • Utilities

World-beating innovation

NEW

Extended Life Plain Bearings – SKF



Features

- Robust steel/steel re-lubrication free bearings
- LS heavy-duty triple-lip seal
- High degree of corrosion and wear resistance
- Optimized tribological system
- Pre-filled with high performance grease
- Dimensionally interchangeable with standard steel / steel bearings

Benefits

- Greased for life
- Minimizes risk of premature failures due to poor lubrication conditions
- Reduces total cost of ownership
- Increases corrosion resistance
- Eliminates grease purging into the environment
- Increases uptime and productivity



Typical Applications

Mining and Construction Equipment,
Farm and Forestry Machinery,
Fork Lift Trucks,
Lifting and Handling Equipment,
Solar Industry Equipment

Industries

• Off Highway • Mining & Mineral Processing • Material Handling • Solar

NEW

Split Spherical Roller Bearing – FAG

Part of Schaeffler Group

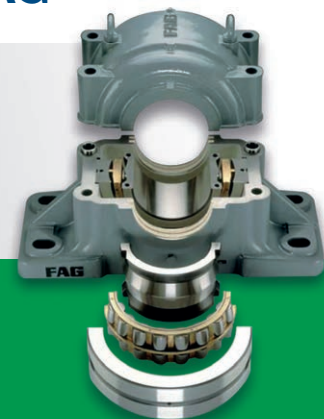


Features

- Split to the shaft Spherical Roller Bearing
- Standard selection metric shaft diameters from 55 to 630mm
- Also inch shafts from 2 3/16 to 16 inch
- Choice of cage material to suit a wide range of operating temperatures

Benefits

- Rapid bearing replacement at difficult to access bearing locations
- Reduces downtime
- Easy to install
- Cost saving



Typical Applications

Fans and Ventilators,
Conveying Equipment,
Winches and Sheaves,
Bucket Wheel Excavators,
Mixing and Stirring Plant

Industries

• Steel Industry • Mining & Quarrying • Cement • Utilities • Food Processing

Sealed Super Precision Bearings – NSK

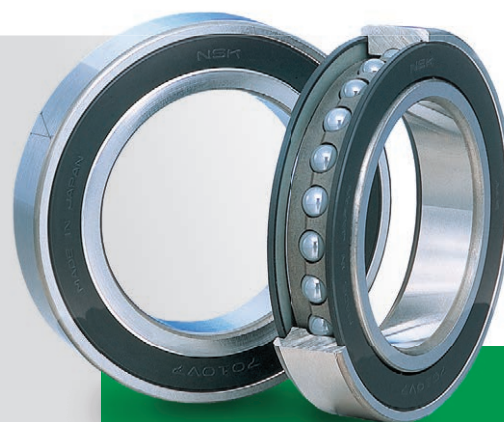
MOTION & CONTROL
NSK

Features

- Bearing pre-greased by NSK
- Protection to bearing during fitting
- Enhanced spindle performance
- Protects bearing during operation
- Longer grease life (1.5 times)
- Sealed precision bearing also available with ceramic rolling elements

Benefits

- Cost saving (labour and grease) – ensures correct type and quantity of grease
- Eliminates contamination during fitting
- Seals prevent grease falling from upper bearing into lower bearing in vertical spindle applications
- Eliminates entry of hard particles during operation
- Reduced maintenance, better reliability and longer replacement intervals
- Ceramic bearings can run up to 25% faster, are more rigid, more heat stable and prevent electrical corrosion



Typical Applications

Machine Tool Spindle Applications, Lathes, CNC Machines, Milling Machines, Drilling Machines, Grinding Machines, High Speed Motors, Dynamometers

Industries

- Automotive

NoWear Bearings® – SKF

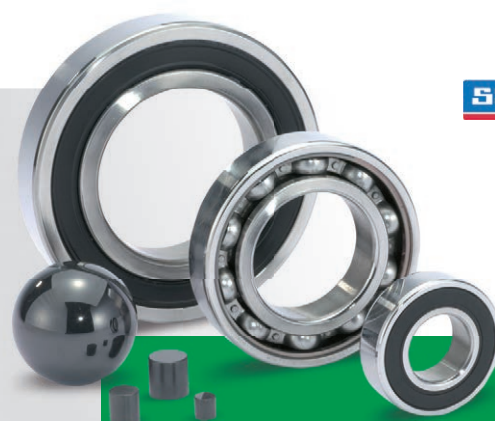
SKF

Features

- High wear resistance (coating is harder than steel)
- High speed capabilities
- Very tolerant to contamination
- Tolerant to poor lubrication
- Reduced need of extreme pressure (EP) and anti-wear (AW) additives in the lubricant

Benefits

- Increased reliability and safety under severe conditions
- Extended machine uptime
- Extended service life (reduced maintenance cost)
- Can be used on a variety of different bearing types
- Energy saving
- Environmentally friendly



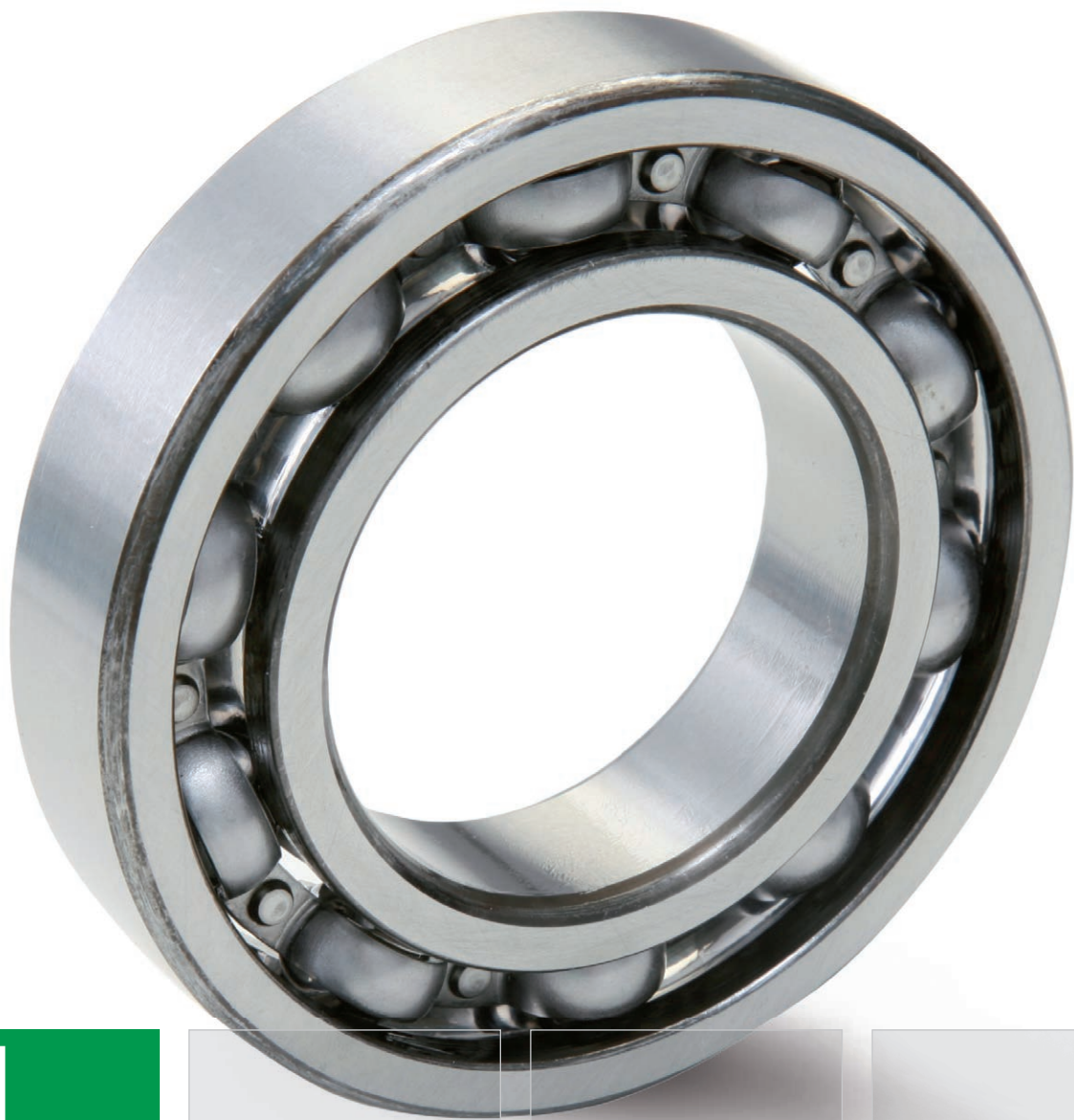
Typical Applications

Paper Machines, Continuous Casters, Fans and Blowers, Crushers, Grinding Mills, Industrial Transmissions, Conveyors, Textile Machinery

Industries

- Construction • Paper & Packaging • Food & Drink • Mining & Quarrying

General Ball & Roller Bearings



01

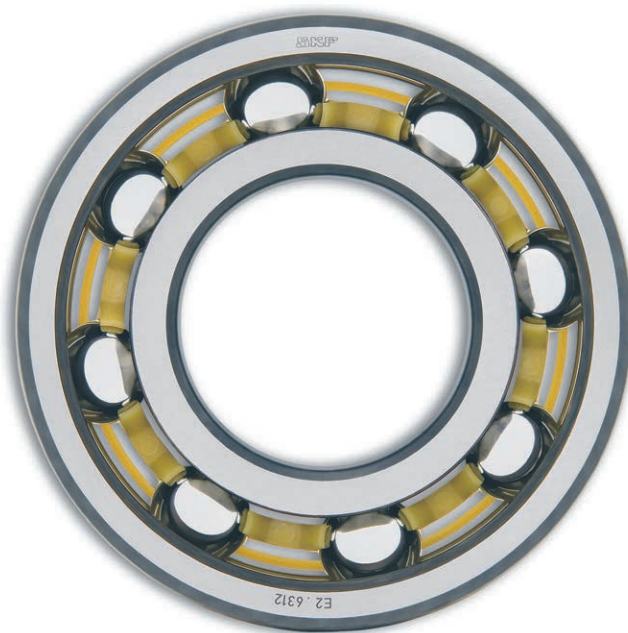
+ PARTNERSHIP BASED ON TRUST – AND TRUST BASED ON QUALITY



Bearings for the food and beverage industry: compliant with the strictest hygiene requirements

NSK bearings for the food industry are robust, made from corrosion-resistant stainless steel, and have extended relubrication intervals. NSK's special solid lubricant, Molded-Oil, is suitable for use in areas where hygiene is paramount. Molded-Oil guarantees reliable lubrication without oil leaks, safeguarding uninterrupted production and a long service life.

NSK – one of the world's leading manufacturers of bearings and linear systems. A premium brand since 1916.
To find out more about NSK, visit www.nsk europe.com or call us on +44 (0) 1 636 605 123



Energy savers

Reduced friction for reduced energy use



SKF Energy Efficient (E2) bearings are available in the following assortments:

- Deep groove ball bearings
- Double row angular contact ball bearings
- Spherical roller bearings
- Tapered roller bearings
- Y-bearings

SKF Energy Efficient (E2) bearings

Every once in a while, a product innovation comes along that holds the potential for huge global benefits. You already know about energy efficient light bulbs; now discover the possibilities of SKF Energy Efficient bearings.

These ultra-low friction bearings consume a minimum of 30% less energy than the already efficient standard SKF bearings. Compared to other bearing brands the energy reduction can be even more dramatic.

SKF Energy Efficient bearings can also last up to twice as long in applications with light-to-normal loads. And in many cases, they run cooler at equivalent loads and speeds, reducing lubricant use and potentially extending equipment life.

Make a small change, make a big difference. Replace your conventional bearings with ultra-low friction SKF Energy Efficient bearings.

For further information: www.skf.co.uk/E2

Energy Efficient Bearings

SKF Energy Efficient Bearings



- Replaces conventional bearings in motors, pumps, compressors and conveyors
- Uses 30% less energy
- Maintains ISO standards and other operating criteria
- Service life doubled when compared to SKF standard shield greased bearings
- Reduced running temperature
- Extended range
- Available in sealed and shielded versions

Product Code	Internal Diameter	External Diameter	Width
E2.625-2Z/C3	5	16	5
E2.626-2Z/C3	6	19	6
E2.626-2RSH/C3	6	19	6
E2.607-2Z/C3	7	19	6
E2.607-2RSH/C3	7	19	6
E2.627-2Z/C3	7	22	7
E2.627-2RSH/C3	7	22	7
E2.608-2Z/C3	8	22	7
E2.608-2RSH/C3	8	22	7
E2.609-2Z/C3	9	24	7
E2.609-2RSH/C3	9	24	7
E2.629-2Z/C3	9	26	8
E2.629-2RSH/C3	9	26	8
E2.6000-2Z/C3	10	26	8
E2.6000-2RSH/C3	10	26	8
E2.6001-2Z/C3	12	28	8
E2.6001-2RSH/C3	12	28	8
E2.6002-2Z/C3	15	32	9
E2.6002-2RSH/C3	15	32	9
E2.6003-2Z/C3	17	35	10
E2.6003-2RSH/C3	17	35	10
E2.6004-2Z/C3	20	42	12
E2.6004-2RSH/C3	20	42	12
E2.6005-2Z/C3	25	47	12
E2.6005-2RSH/C3	25	47	12
E2.6006-2Z/C3	30	55	13
E2.6007-2Z/C3	35	62	14
E2.6008-2Z/C3	40	68	15
E2.6200-2Z/C3	10	30	9
E2.6200-2RSH/C3	10	30	9
E2.6201-2Z/C3	12	32	10
E2.6201-2RSH/C3	12	32	10
E2.6202-2Z/C3	15	35	11
E2.6206-2RSH/C3	15	35	11
E2.6203-2Z/C3	17	40	12

Product Code	Internal Diameter	External Diameter	Width
E2.6203-2RSH/C3	17	40	12
E2.6204-2Z/C3	20	47	14
E2.6204-2RSH/C3	20	47	14
E2.6205-2Z/C3	25	52	15
E2.6205-2RSH/C3	25	52	15
E2.6206-2Z/C3	30	62	16
E2.6207-2Z/C3	35	72	17
E2.6208-2Z/C3	40	80	18
E2.6209-2Z/C3	45	85	19
E2.6300-2Z/C3	10	35	11
E2.6300-2RSH/C3	10	35	11
E2.6301-2Z/C3	12	37	12
E2.6301-2RSH/C3	12	37	12
E2.6302-2Z/C3	15	42	13
E2.6302-2RSH/C3	15	42	13
E2.6303-2Z/C3	17	47	14
E2.6303-2RSH/C3	17	47	14
E2.6304-2Z/C3	20	52	15
E2.6304-2RSH/C3	20	52	15
E2.6305-2Z/C3	25	62	17
E2.6305-2Z/C3	25	62	17
E2.6306-2Z/C3	30	72	19
E2.6307-2Z/C3	35	80	21
E2.6308-2Z/C3	40	90	23
E2.6309-2Z/C3	45	100	25
E2.6310-2Z/C3	50	110	27
E2.6311-2Z/C3	55	120	29
E2.6312-2Z/C3	60	130	31
E2.6313-2Z/C3	65	140	33
E2.6314-2Z/C3	70	150	35
E2.6315-2Z/C3	75	160	37
E2.6316-2Z/C3	80	170	39

Price Each

Order Code	Product Code	1+	5+
WXB0016	E2.625-2Z/C3	£4.63	£4.17
WXB0017	E2.626-2Z/C3	£4.58	£4.12
WXB0053	E2.626-2RSH/C3	£6.71	£6.04
WXB0007	E2.607-2Z/C3	£4.63	£4.17
WXB0044	E2.607-2RSH/C3	£6.78	£6.10
WXB0018	E2.627-2Z/C3	£4.52	£4.07
WXB0054	E2.627-2RSH/C3	£6.30	£5.67
WXB0008	E2.608-2Z/C3	£4.58	£4.12
WXB0045	E2.608-2RSH/C3	£6.09	£5.48
WXB0009	E2.609-2Z/C3	£4.84	£4.36
WXB0046	E2.609-2RSH/C3	£6.74	£6.07
WXB0019	E2.629-2Z/C3	£4.91	£4.42
WXB0055	E2.629-2RSH/C3	£6.30	£5.67
WXB0001	E2.6000-2Z/C3	£5.01	£4.50
WXB0038	E2.6000-2RSH/C3	£7.36	£6.62
WXB0002	E2.6001-2Z/C3	£5.43	£4.89
WXB0039	E2.6001-2RSH/C3	£7.91	£7.12
WXB0003	E2.6002-2Z/C3	£5.96	£5.37
WXB0040	E2.6002-2RSH/C3	£8.64	£7.77
WXB0004	E2.6003-2Z/C3	£6.24	£5.61
WXB0041	E2.6003-2RSH/C3	£9.11	£8.20
WXB0005	E2.6004-2Z/C3	£6.92	£6.23
WXB0042	E2.6004-2RSH/C3	£10.11	£9.10
WXB0006	E2.6005-2Z/C3	£7.99	£7.19
WXB0043	E2.6005-2RSH/C3	£11.62	£10.45
WXB0024	E2.6006-2Z/C3	£12.73	£11.46
WXB0010	E2.6200-2Z/C3	£5.06	£4.55
WXB0047	E2.6200-2RSH/C3	£7.37	£6.63
WXB0011	E2.6201-2Z/C3	£5.28	£4.75
WXB0048	E2.6201-2RSH/C3	£7.69	£6.92
WXB0012	E2.6202-2Z/C3	£5.70	£5.13
WXB0013	E2.6203-2Z/C3	£6.39	£5.75
WXB0050	E2.6203-2RSH/C3	£9.33	£8.40
WXB0014	E2.6204-2Z/C3	£7.46	£6.71
WXB0051	E2.6204-2RSH/C3	£10.96	£9.86

Order Code	Product Code	1+	5+
WXB0015	E2.6205-2Z/C3	£8.73	£7.86
WXB0052	E2.6205-2RSH/C3	£12.79	£11.51
WXB0025	E2.6206-2Z/C3	£13.65	£12.29
WXB0026	E2.6207-2Z/C3	£14.00	£12.60
WXB0027	E2.6208-2Z/C3	£27.93	£25.14
WXB0028	E2.6209-2Z/C3	£31.08	£27.97
WXB0020	E2.6300-2Z/C3	£6.66	£5.99
WXB0056	E2.6300-2RSH/C3	£9.78	£8.80
WXB0021	E2.6301-2Z/C3	£6.88	£6.19
WXB0057	E2.6301-2RSH/C3	£10.04	£9.04
WXB0022	E2.6302-2Z/C3	£7.46	£6.71
WXB0058	E2.6302-2RSH/C3	£10.85	£9.76
WXB0023	E2.6303-2Z/C3	£8.47	£7.62
WXB0059	E2.6303-2RSH/C3	£12.29	£11.06
WXB0029	E2.6304-2Z/C3	£13.31	£11.98
WXB0060	E2.6304-2RSH/C3	£13.29	£11.96
WXB0030	E2.6305-2Z/C3	£15.59	£14.03
WXB0030	E2.6305-2Z/C3	£15.59	£14.03
WXB0031	E2.6306-2Z/C3	£15.33	£13.80
WXB0032	E2.6307-2Z/C3	£29.08	£26.17
WXB0033	E2.6308-2Z/C3	£35.72	£32.15
WXB0034	E2.6309-2Z/C3	£32.32	£29.09
WXB0035	E2.6310-2Z/C3	£54.31	£48.88
WXB0036	E2.6311-2Z/C3	£72.46	£65.21
WXB0037	E2.6312-2Z/C3	£103.33	£93.00

Deep Groove Ball Bearings

SKF Deep Groove Ball Bearing



- SKF Explorer DGBB with improved running and dimensional accuracy
- Accommodates moderate axial loads in both directions, in addition to radial loads
- Effective sealing with rubber seals
- Open & shielded versions (2Z) also available
- Operating temperature from -10 to +100°C
- Extra light, light and medium series
- Most widely used bearing type
- Suitable for high speeds

Product Code	Internal Diameter	External Diameter	Width
607	7	19	6
607-2RSH	7	19	6
607-2Z	7	19	6
608	8	22	7
608-2RSH	8	22	7
608-2Z	8	22	7
609	9	24	7
609-2RSH	9	24	7
609-2Z	9	24	7
6000	10	26	8
6000-2RSH	10	26	8
6000-2Z	10	26	8
6001	12	28	8
6001-2RSH	12	28	8
6001-2Z	12	28	8

Product Code	Internal Diameter	External Diameter	Width
6002	15	32	9
6002-2RSH	15	32	9
6002-2Z	15	32	9
6003	17	35	10
6003-2RSH	17	35	10
6003-2Z	17	35	10
6004	20	42	12
6004-2RSH	20	42	12
6004-2Z	20	42	12
6005	25	47	12
6005-2RSH	25	47	12
6005-2Z	25	47	12
6006	30	55	13
6006-2RS1	30	55	13
6006-2Z	30	55	13
6007	35	62	14
6007-2RS1	35	62	14
6007-2Z	35	62	14
6008	40	68	15
6008-2RS1	40	68	15
6008-2Z	40	68	15
6009	45	75	16
6009-2RS1	45	75	16
6009-2Z	45	75	16
6010	50	80	16
6010-2RS1	50	80	16
6010-2Z	50	80	16
6011	55	90	18
6011-2RS1	55	90	18
6011-2Z	55	90	18
6012	60	95	18
6012-2RS1	60	95	18
6012-2Z	60	95	18
623	3	10	4
623-2RS1	3	10	4
623-2Z	3	10	4
624	4	13	5
624-2RS1	4	13	5
624-2Z	4	13	5
625	5	16	5
625-2RS1	5	16	5
625-2Z	5	16	5
626	6	19	6
626-2RSH	6	19	6
626-2Z	6	19	6
627	7	22	7
627-2RSH	7	22	7
627-2Z	7	22	7
629	9	26	8
629-2RSH	9	26	8
629-2Z	9	26	8
6200	10	30	9
6200-2RSH	10	30	9
6200-2Z	10	30	9
6201	12	32	10
6201-2RSH	12	32	10
6201-2Z	12	32	10
6202	15	35	11
6202-2RSH	15	35	11
6202-2Z	15	35	11
6203	17	40	12
6203-2RSH	17	40	12
6203-2Z	17	40	12
6204	20	47	14
6204-2RSH	20	47	14
6204-2Z	20	47	14
6205	25	52	15
6205-2RSH	25	52	15

Product Code	Internal Diameter	External Diameter	Width
6205-2Z	25	52	15
6206	30	62	16
6206-2RS1	30	62	16
6206-2Z	30	62	16
6207	35	72	17
6207-2RS1	35	72	17
6207-2Z	35	72	17
6208	40	80	18
6208-2RS1	40	80	18
6208-2Z	40	80	18
6209	45	85	19
6209-2RS1	45	85	19
6209-2Z	45	85	19
6210	50	90	20
6210-2RS1	50	90	20
6210-2Z	50	90	20
6211	55	100	21
6211-2RS1	55	100	21
6211-2Z	55	100	21
6212	60	110	22
6212-2RS1	60	110	22
6212-2Z	60	110	22
634-2Z	4	16	5
635	5	19	6
635-2Z	5	19	6
6300	10	35	11
6300-2RSH	10	35	11
6300-2Z	10	35	11
6301	12	37	12
6301-2RSH	12	37	12
6301-2Z	12	37	12
6302	15	42	13
6302-2RSH	15	42	13
6302-2Z	15	42	13
6303	17	47	14
6303-2RSH	17	47	14
6303-2Z	17	47	14
6304	20	52	15
6304-2RS1	20	52	15
6304-2RSH	20	52	15
6304-2Z	20	52	15
6305	25	62	17
6305-2RS1	25	62	17
6305-2Z	25	62	17
6306	30	72	19
6306-2RS1	30	72	19
6306-2Z	30	72	19
6307	35	80	21
6307-2RS1	35	80	21
6307-2Z	35	80	21
6308	40	90	23
6308-2RS1	40	90	23
6308-2Z	40	90	23
6309	45	100	25
6309-2RS1	45	100	25
6309-2Z	45	100	25
6310	50	110	27
6310-2RS1	50	110	27
6310-2Z	50	110	27
6311	55	120	29
6311-2RS1	55	120	29
6311-2Z	55	120	29
6312	60	130	31
6312-2RS1	60	130	31
6312-2Z	60	130	31

SKF Stainless Steel Deep Groove Ball Bearings



- Resistance to corrosion in moist and other corrosive environments
- Manufactured to withstand tough application requirements
- Very versatile since shielded and sealed versions can be supplied with different greases
- Dimensionally stable up to 120 °C
- Also available in inch sizes

Product Code	Internal Diameter	External Diameter	Width
W6002-2Z	15	32	9
W6003-2Z	17	35	10
W6004-2Z	20	42	12
W6005-2Z	25	47	12
W6006-2Z	30	55	13
W6007-2Z	35	62	14
W6008-2Z	40	68	15
W6009-2Z	45	75	16
W6010-2Z	50	80	16
W6202-2Z	15	35	11
W6203-2Z	17	40	12
W6204-2Z	20	47	14
W6205-2Z	25	52	15
W6206-2Z	30	62	16
W6207-2Z	35	72	17
W6208-2Z	40	80	18
W6209-2Z	45	85	19
W6210-2Z	50	90	20
W6302-2Z	15	42	13
W6303-2Z	17	47	14
W6304-2Z	20	52	15
W6305-2Z	25	62	17
W6306-2Z	30	72	19
W6307-2Z	35	80	21

**Please note these
products only
represent a small
part of our Bearing
range**



NSK Deep Groove Ball Bearing



- Capable of supporting radial & moderate axial loads in both directions
 - NSK lubricants that can extend grease life & performance
 - Effective sealing with patented rubber seals
 - Open & shielded versions (ZZ) also available
 - Ultra clean steel to extend bearing life by up to 80% over conventional steels
 - High grade balls for quiet & smooth operation
 - Super finished raceways improves lubricant distribution and life
 - Operating temperature from -10 to +100°C
 - Extra light, light and medium series
- NEW for use in Electric Motors

Most sizes are now available in a Special Electric Motor version as standard at no extra cost. Benefits include

- Ultra clean bearing steel
- Super finished raceways
- Coined cage pockets
- Special CM clearance along with other features which ensure a quieter running motor
- Available in several sealing options

Product Code	Internal Diameter	External Diameter	Width
607	7	19	6
607DD	7	19	6
607ZZ	7	19	6
608	8	22	7
608DD	8	22	7
608ZZ	8	22	7
609	9	24	7
609DD	9	24	7
609ZZ	9	24	7
6000	10	26	8
6000DD	10	26	8
6000ZZ	10	26	8
6001	12	28	8
6001DD	12	28	8
6001ZZ	12	28	8
6002	15	32	9
6002DD	15	32	9
6002ZZ	15	32	9
6003	17	35	10
6003DD	17	35	10
6003ZZ	17	35	10
6004	20	42	12
6004DD	20	42	12
6004ZZ	20	42	12
6005	25	47	12
6005DD	25	47	12
6005ZZ	25	47	12
6006	30	55	13
6006DD	30	55	13
6006ZZ	30	55	13

Product Code	Internal Diameter	External Diameter	Width
6007	35	62	14
6007DD	35	62	14
6007ZZ	35	62	14
6008	40	68	15
6008DD	40	68	15
6008ZZ	40	68	15
6009	45	75	16
6009DD	45	75	16
6009ZZ	45	75	16
6010	50	80	16
6010DD	50	80	16
6010ZZ	50	80	16
6011	55	90	18
6011DD	55	90	18
6011ZZ	55	90	18
6012	60	95	18
6012DD	60	95	18
6012ZZ	60	95	18
6013	65	100	18
6013DD	65	100	18
6013ZZ	65	100	18
6014	70	110	20
6014DD	70	110	20
6014ZZ	70	110	20
6015	75	115	20
6015DD	75	115	20
6015ZZ	75	115	20
625DD	5	16	5
625ZZ	5	16	5
626	6	19	6
626DD	6	19	6
626ZZ	6	19	6
627	7	22	7
627DD	7	22	7
627ZZ	7	22	7
628DD	8	24	8
628ZZ	8	24	8
629DD	9	26	8
629ZZ	9	26	8
6200	10	30	9
6200DD	10	30	9
6200ZZ	10	30	9
6201	12	32	10
6201DD	12	32	10
6201ZZ	12	32	10
6202	15	35	11
6202DD	15	35	11
6202ZZ	15	35	11
6203	17	40	12
6203DD	17	40	12
6203ZZ	17	40	12
6204	20	47	14
6204DD	20	47	14
6204ZZ	20	47	14
6205	25	52	15
6205DD	25	52	15
6205ZZ	25	52	15
6206	30	62	16
6206DD	30	62	16
6206ZZ	30	62	16
6207	35	72	17
6207DD	35	72	17
6207ZZ	35	72	17
6208	40	80	18
6208DD	40	80	18
6208ZZ	40	80	18
6209	45	85	19
6209DD	45	85	19

Product Code	Internal Diameter	External Diameter	Width
6209ZZ	45	85	19
6210	50	90	20
6210DD	50	90	20
6210ZZ	50	90	20
6211	55	100	21
6211DD	55	100	21
6211ZZ	55	100	21
6212	60	110	22
6212DD	60	110	22
6212ZZ	60	110	22
6213	65	120	23
6213DD	65	120	23
6213ZZ	65	120	23
6214	70	125	24
6214DD	70	125	24
6214ZZ	70	125	24
6215	75	130	25
6215DD	75	130	25
6215ZZ	75	130	25
6300	10	35	11
6300DD	10	35	11
6300ZZ	10	35	11
6301	12	37	12
6301DD	12	37	12
6301ZZ	12	37	12
6302	15	42	13
6302DD	15	42	13
6302ZZ	15	42	13
6303	17	47	14
6303DD	17	47	14
6303ZZ	17	47	14
6304	20	52	15
6304DD	20	52	15
6304ZZ	20	52	15
6305	25	62	17
6305DD	25	62	17
6305ZZ	25	62	17
6306	30	72	19
6306DD	30	72	19
6306ZZ	30	72	19
6307	35	80	21
6307DD	35	80	21
6307ZZ	35	80	21
6308	40	90	23
6308DD	40	90	23
6308ZZ	40	90	23
6309	45	100	25
6309DD	45	100	25
6309ZZ	45	100	25
6310	50	110	27
6310DD	50	110	27
6310ZZ	50	110	27
6311	55	120	29
6311DD	55	120	29
6311ZZ	55	120	29
6312	60	130	31
6312DD	60	130	31
6312ZZ	60	130	31
6313	65	140	33
6313DD	65	140	33
6313ZZ	65	140	33
6314	70	150	35
6314DD	70	150	35
6314ZZ	70	150	35
6315	75	160	37
6315DD	75	160	37
6315ZZ	75	160	37

NSK Stainless Steel Deep Groove Ball Bearings



MOTION & CONTROL™
NSK

- NSK highly corrosion-resistant stainless steel ES1 material
- High performance lithium or polyurea based grease
- Available with steel shields or nitrile rubber seals
- High speed polyamide cage

Product Code	Internal Diameter	External Diameter	Width
6003-H-20T1XDDU	17	35	10
6004-H-20T1XDDU	20	42	12
6005-H-20T1XDDU	25	47	12
6006-H-20T1XDDU	30	55	13
6007-H-20T1XDDU	35	62	14
6008-H-20T1XDDU	40	68	15
6204-H-20T1XDDU	20	47	14
6205-H-20T1XDDU	25	52	15
6206-H-20T1XDDU	30	62	16
6207-H-20T1XDDU	35	72	17
6208-H-20T1XDDU	40	80	18

FAG Generation C Deep Groove Ball Bearing



FAG

- 50% less noise and 35% less friction
- Optimized osculation of the rolling elements
- High ball quality and improved raceway surfaces
- Also available in outside diameters from 26 to 90mm
- Available with riveted steel cages or with polyamide cages on request
- Supplied in tolerance class P6 or P5 (on request).
- Available with one or two gap shields (Z, 2Z) or one or two lip seals (HRS, 2HRS)
- Also available with larger (C3, C4) or smaller (C2) radial internal clearance classes

Product Code	Internal Diameter	External Diameter	Width
6000-C	10	26	8
6001-C	12	28	8
6002-C	15	32	9
6200-C	10	30	9
6201-C	12	32	10
6202-C	15	35	11
6203-C	17	40	12
6204-C	20	47	14
6205-C	25	52	15
6206-C	30	62	16

SKF Extreme Temperature Bearings



SKF

- Very wide operating temperature :- VA2101 -60°C to +250°C
- Low friction
- Maintenance free, no oil or grease required
- Manufactured using SKF graphite technology
- Also available in flanged units
- Extreme operating temperature also available :- VA288 -60°C to +350°C

Product Code	Internal Diameter	External Diameter	Width
6204/VA201	20	47	14
6204-2Z/VA201	20	47	14
6205/VA201	25	52	15
6205-2Z/VA201	25	52	15
6206/VA201	30	62	16
6206-2Z/VA201	30	62	16
6207/VA201	35	72	17
6207-2Z/VA201	35	72	17
6208/VA201	40	80	18
6208-2Z/VA201	40	80	18
6209/VA201	45	85	19
6209-2Z/VA201	45	85	19
6210/VA201	50	90	20
6210-2Z/VA201	50	90	20
6304/VA201	20	52	15
6304-2Z/VA201	20	52	15
6305/VA201	25	62	17
6305-2Z/VA201	25	62	17
6306/VA201	30	62	16
6306-2Z/VA201	30	62	16
6307/VA201	35	80	21
6307-2Z/VA201	35	80	21
6308/VA201	40	90	23
6308-2Z/VA201	40	90	23
6309/VA201	45	100	25
6309-2Z/VA201	45	100	25
6310/VA201	50	110	27
6310-2Z/VA201	50	110	27

SKF Polymer Deep Groove Ball Bearings

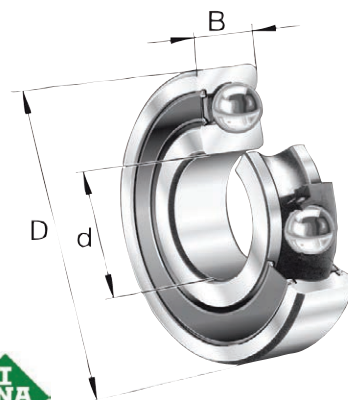


SKF

- Polymer bearings are typically used in lightly loaded applications
- Resistance to moisture and chemicals
- Polymer bearings can run without lubricant
- Quiet running, good damping properties, electrical insulator
- Also available in thrust ball bearings, double row ball bearings, track runner bearings and Y-bearings

Product Code	Internal Diameter	External Diameter	Width
6004/HR11TN	20	42	12
6005/HR11TN	25	47	12
6006/HR11TN	30	55	13
6007/HR11TN	35	62	14
6008/HR11TN	40	68	15
6009/HR11TN	45	75	16
6204/HR11TN	20	47	14
6205/HR11TN	25	52	15
6206/HR11TN	30	62	16
6207/HR11TN	35	72	17
6208/HR11TN	40	80	18
6209/HR11TN	45	85	19

INA Miniature Ball Bearings



INA

- Available in metric sizes 1mm to 9mm and Imperial sizes 0.040" to 0.750"
- Standard material SAE 52100
- Corrosion resistant material AISI 440C alternative
- Available open or size dependent with shields or seals
- Available with various standard or specialised greases

Product Code	Internal Diameter	External Diameter	Width
623	3	10	4
624	4	13	5
625	5	16	5
626	6	19	6
627	7	22	7
628	8	24	8
629	9	29	8

Solid Oil Bearings

SKF Solid Oil Bearings



SKF

- Keeps the oil in position
- Brings more oil to the bearing than grease
- Keeps contaminants out
- Makes maintenance unnecessary
- No relubrication needed
- Does not require seals
- Environmentally friendly
- Resistant to chemicals
- NSF/H1 Food safe version available

Product Code	Internal Diameter	External Diameter	Width
608-2RS1/W64	8	22	7
6001/W64	12	28	8
6004-2RS1/W64	20	42	12
6004-2RSH/W64	20	42	12
6005/W64	25	47	12
6005-2RS1/W64	25	47	12
6005-2RSH/W64	25	47	12
6006-2RS1/W64	30	55	13
6008-2RS1/W64	40	68	15
6010-2RS1/W64	50	80	16
6012-2RS1/W64	60	95	18
6202-2RS1/W64	15	35	11
6202-2RSH/W64	15	35	11
6203-2RS1/W64	17	40	12
6204-2RS1/W64	20	47	14
6204-2RSH/W64	20	47	14
6205-2RS1/W64	25	52	15
6206-2RS1/W64	30	62	16
6207-2RS1/W64	35	72	17
6208-2RS1/W64	40	80	18
6306-2RS1/W64	30	72	19
6307-2RS1/W64	35	80	21
6308-2RS1/W64	40	90	23
W6001-2RS1/W64	12	28	8
W6004-2RS1/W64	20	42	12
W6006-2RS1/W64	30	55	13

Insulated Bearings

SKF INSOCOAT Bearings



- Aluminium oxide coating
- Virtually eliminates premature failures caused by stray electric currents
- Available in ball and cylindrical roller versions
- Increases machine uptime
- Reduces maintenance costs
- Provides an economical solution when compared with other insulation solutions

Product Code	Internal Diameter	External Diameter	Width
6314/C3VL0241	70	150	10
6315/C3VL0241	75	160	25
6316/C3VL0241	80	170	20
6317/C3VL0241	85	180	12
6318/C3VL0241	90	190	15
6319/C3VL0241	95	200	35
6320/C3VL0241	100	215	30
6322/C3VL0241	110	240	15
6324/C3VL0241	120	260	45
NU315ECP/VL0241	75	160	37
NU317ECM/C3VL0241	85	180	41
NU319ECM/C3VL0241	95	200	45
NU322ECM/C3VL0241	110	240	50
NU324ECM/C3VL0241	120	260	55

Hybrid Bearings

SKF Hybrid Bearings



- Typically used in small electric motors
- Bearing rings made from high grade bearing steel, rolling elements made from silicon nitride
- Excellent insulating properties
- Can prevent damaging electric currents from passing through the bearing
- Can provide substantially longer service life

Product Code	Internal Diameter	External Diameter	Width
6000-2RSLTN9/HC5C3WT	10	26	8
6001-2RSLTN9/HC5C3WT	12	28	8
6002-2RSLTN9/HC5C3WT	15	32	9
6006-2RZTN9/HC5C3WT	30	55	13
6007-2RZTN9/HC5C3WT	35	62	14
6202-2RSLTN9/HC5C3WT	15	35	11
6203-2RSLTN9/HC5C3WT	17	40	12
6204-2RSLTN9/HC5C3WT	20	47	14
6205-2RSLTN9/HC5C3WT	25	52	15
6309-2RSLTN9/HC5C3WT	45	100	25

Angular Contact Bearings

SKF Double Row Angular Contact



- Operating temperature from -40 to +125°C
- High strength & low noise glass fibre reinforced polyamide cage
- Light and medium series available
- Capable of supporting radial & axial loads in both directions
- Often used instead of a pair of single row angular contact ball bearings
- 30° Contact angle
- Also available in E2 Energy Efficient version with upto 50% less friction

Light Series

Product Code	Internal Diameter	External Diameter	Width
3202ATN9	15	42	19
3203ATN9	17	40	17.5
3204ATN9	20	47	20.6

3205ATN9	25	52	20.6
3206ATN9	30	62	23.8
3207ATN9	35	72	27
3208ATN9	40	80	30.2
3209ATN9	45	85	30.2
3210ATN9	50	90	30.2

Medium Series

Product Code	Internal Diameter	External Diameter	Width
3304ATN9	20	52	22.2
3305ATN9	25	62	25.4
3306ATN9	30	72	30.2
3307ATN9	35	80	34.9
3308ATN9	40	90	36.5

SKF Single Row Angular Contact



- Capable of supporting radial loads & also axial loads in one direction
- 40° contact angle
- High strength & low noise reinforced polyamide cage design
- Higher capacity & longer life compared to conventional types
- Now available sealed

Light Series

Product Code	Internal Diameter	External Diameter	Width
7204BEP	20	47	14
7205BEP	25	52	15
7206BEP	30	62	16
7207BEP	35	70	17
7208BEP	40	80	18
7209BEP	45	85	19
7210BEP	50	90	20
7211BEP	55	100	21
7212BEP	60	110	22
7213BEP	65	120	23
7214BEP	70	125	24
7215BEP	75	130	25

Medium Series

Product Code	Internal Diameter	External Diameter	Width
7304BEP	20	52	15
7305BEP	25	62	17
7306BEP	30	72	19
7307BEP	35	80	21
7308BEP	40	90	23
7309BEP	45	100	25
7310BEP	50	110	27
7311BEP	55	120	29
7312BEP	60	130	31
7313BEP	65	140	33
7314BEP	70	150	35
7315BEP	75	160	37

NSK Double Row Angular Contact (Sealed Type)



MOTION & CONTROL
NSK

- Capable of supporting radial & axial loads in both directions
- Often used instead of a pair of single row angular contact ball bearings
- 25° Contact angle
- Effective sealing with rubber seals
- Shielded versions also available
- Operating temperature from -40 to +125°C
- High strength & low noise glass fibre reinforced polyamide cage
- Light and medium series available

Light Series

Product Code	Internal Diameter	External Diameter	Width
32022RS	15	42	19
32032RS	17	40	17.5
32042RS	20	47	20.6
32052RS	25	52	20.6
32062RS	30	62	23.8
32072RS	35	72	27
32082RS	40	80	30.2
32092RS	45	85	30.2
32102RS	50	90	30.2

Medium Series

Product Code	Internal Diameter	External Diameter	Width
33042RS	20	52	22.2
33052RS	25	62	25.4
33062RS	30	72	30.2
33072RS	35	80	34.9
33082RS	40	90	36.5
33092RS	45	100	39.7
33102RS	50	110	44.4

NSK HPS Single Row Angular Contact



MOTION & CONTROL
NSK

- Life improvement by up to 90%
- Permissible speed of bearing increases by 15-20%
- Standard universal arrangements allowing high axial positioning accuracy
- Three types of cages available for high strength, chemical resistance, high reliability
- Lower operating costs due to greater reliability

Light Series

Product Code	Internal Diameter	External Diameter	Width
7208BEA	40	80	18
7209BEA	45	85	19
7210BEA	50	90	20
7211BEA	55	100	21
7212BEA	60	110	22

Medium Series

Product Code	Internal Diameter	External Diameter	Width
7308BEA	40	90	23
7309BEA	45	100	25
7310BEA	50	110	27
7311BEA	55	120	29
7312BEA	60	130	31

Self Aligning Bearings

SKF Self Aligning



SKF

- Bearing is self-aligning
- Insensitive to angular misalignment
- Accommodates shaft deflection and misalignment
- Cylindrical and tapered bore (K) available
- RS1 Nitrile seal option
- Suitable for use with SKF's SNL Housing

Product Code	Internal Diameter	External Diameter	Width
1203 ETN9	17	40	12
1204 ETN9	20	47	14
1205 ETN9	25	52	15
1206 ETN9	30	62	16
1207 ETN9	35	72	17
1208 ETN9	40	80	18
1210 ETN9	50	90	20
1305 ETN9	25	62	17
1306 ETN9	30	72	19
1308 ETN9	40	90	23
2205 ETN9	25	52	18
2206 ETN9	30	62	20
2207 ETN9	35	72	23
2208 ETN9	40	80	23
2210 ETN9	50	90	23
2212 ETN9	60	110	28
2308 ETN9	40	90	33
2312	60	130	46
2201 E-2RS1TN9	12	32	14
2202 E-2RS1TN9	15	35	14
2203 E-2RS1TN9	17	40	16
2204 E-2RS1TN9	20	47	18
2205 E-2RS1TN9	25	52	18
2206 E-2RS1TN9	30	62	20

Product Code	Internal Diameter	External Diameter	Width
2207 E-2RS1TN9	36	72	23
2208 E-2RS1TN9	40	80	23
2209 E-2RS1TN9	45	85	23
2210 E-2RS1TN9	50	90	23
2211 E-2RS1TN9	55	100	25
2212 E-2RS1TN9	60	110	28
2302 E-2RS1TN9	15	42	17
2303 E-2RS1TN9	17	47	19
2304 E-2RS1TN9	20	52	21
2305 E-2RS1TN9	25	62	24
2306 E-2RS1TN9	30	72	27
2307 E-2RS1TN9	35	80	31
2308 E-2RS1TN9	40	90	33
2309 E-2RS1TN9	45	100	36
2310 E-2RS1TN9	50	110	40
1207 EKTN9	36	72	17
1209 EKTN9	45	85	19
1210 EKTN9	50	90	20
1211 EKTN9	55	100	21
1213 EKTN9	65	120	23
2209 EKTN9	45	85	23
2211 EKTN9	55	100	25
2213 EKTN9	65	120	31
2216 EKTN9	80	140	33
2218 K	90	160	40
2309 EKTN9	45	100	36
2311 K	55	120	43
2313 K	65	140	48

Thrust Bearings

SKF Thrust



SKF

- Accommodates axial loads
- Must not be subjected to radial load
- Separable for ease of mounting
- Available for bore diameters from 3mm to 670mm

Product Code	Internal Diameter	External Diameter	Width
51100	10	24	9
51101	12	26	9
51102	15	28	9
51103	17	30	9
51104	20	35	10
51105	25	42	11
51106	30	47	11
51107	35	52	12
51108	40	60	13
51109	45	65	14
51110	50	70	14
51111	55	78	16
51112	60	85	17
51113	65	90	18
51204	20	40	14

Product Code	Internal Diameter	External Diameter	Width
51205	25	47	15
51206	30	52	16
51207	35	62	18
51208	40	68	19
51210	50	78	22
51212	60	95	26

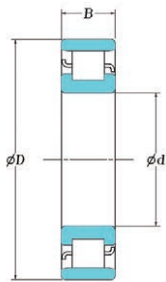
Roller Bearings

SKF Cylindrical Roller Bearings - Metric



- For high radial load applications
- Light and medium Series
- High load rating
- High limiting speed
- Reinforced polyamide cage
- Various rib formations to suit different applications

SKF N Light Series

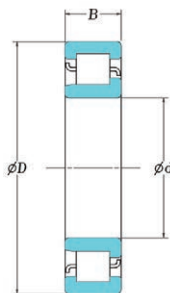


Product Code	Internal Diameter	External Diameter	Width
N203	17	40	12
N204	20	47	14
N205	25	52	15
N206	30	62	16
N207	35	72	17
N208	40	80	18
N209	45	85	19
N210	50	90	20
N211	55	100	21
N212	60	110	22
N213	65	120	23
N214	70	120	24
N215	75	130	25
N216	80	130	26
N217	85	150	28

SKF N Medium Series

Product Code	Internal Diameter	External Diameter	Width
N303	17	47	14
N304	20	52	15
N305	25	62	17
N306	30	72	19
N307	35	80	21
N308	40	90	23
N309	45	100	25
N310	50	110	27
N311	55	120	29
N312	60	130	31
N313	65	140	33
N314	70	150	35
N315	75	160	37
N316	80	17	39
N317	85	180	41

SKF NJ Light Series

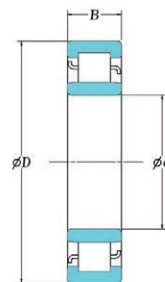


Product Code	Internal Diameter	External Diameter	Width
NJ203	17	40	12
NJ204	20	47	14
NJ205	25	52	15
NJ206	30	62	16
NJ207	35	72	17
NJ208	40	80	18
NJ209	45	85	19
NJ210	50	90	20
NJ211	55	100	21
NJ212	60	110	22
NJ213	65	120	23
NJ214	70	120	24
NJ215	75	130	25
NJ216	80	130	26
NJ217	85	150	28

SKF NJ Medium Series

Product Code	Internal Diameter	External Diameter	Width
NJ303	17	47	14
NJ304	20	52	15
NJ305	25	62	17
NJ306	30	72	19
NJ307	35	80	21
NJ308	40	90	23
NJ309	45	100	25
NJ310	50	110	27
NJ311	55	120	29
NJ312	60	130	31
NJ313	65	140	33
NJ314	70	150	35
NJ315	75	160	37
NJ316	80	17	39
NJ317	85	180	41

SKF NU Light Series



Product Code	Internal Diameter	External Diameter	Width
NU204	20	47	14
NU205	25	52	15
NU206	30	62	16
NU207	35	72	17
NU208	40	80	18
NU209	45	85	19
NU210	50	90	20
NU211	55	100	21
NU212	60	110	22
NU213	65	120	23
NU214	70	120	24

SKF NU Medium Series

Product Code	Internal Diameter	External Diameter	Width
NU303	17	47	14
NU304	20	52	15
NU305	25	62	17
NU306	30	72	19
NU307	35	80	21
NU308	40	90	23
NU309	45	100	25
NU310	50	110	27
NU311	55	120	29
NU312	60	130	31
NU313	65	140	33
NU314	70	150	35
NU315	75	160	37
NU316	80	17	39
NU317	85	180	41

Need a set of Bearing Pullers?

See our Maintenance and Lubrication Tools Section



SKF CARB Toroidal Roller Bearings



- CARB toroidal roller bearings are a completely new type of radial roller bearing.
- CARB bearings permit smaller and lighter bearing arrangement designs, offering the same or improved performance
- The rollers of the CARB bearing are self guiding and will always adopt the position where load is evenly distributed
- Load carrying capacity is very high even when it has to compensate for angular misalignment or axial displacement
- Often results in long service life
- Suitable for use in the K7 plunger blocks for fan applications
- Now in Explorer Upgrade version for twice the service life in poor lubrication and severe contamination conditions

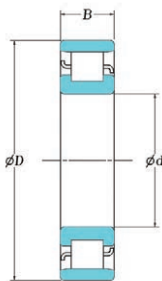
Product Code	Internal Diameter	External Diameter	Width
C2208KTN9/C3	40	80	23
C2209KTN9/C3	45	85	23
C2210KTN9	50	90	23
C221 KTN9/C3	50	90	23
C2211KTN9	55	100	25
C2211KTN9/C3	55	100	25
C2212KTN9	60	110	28
C2212KTN9/C3	60	110	28
C2213KTN9	65	120	31
C2213KTN9/C3	65	120	31
C2214KTN9	70	125	31
C2215K	75	130	31
C2215K/C3	75	130	31
C2216K/C3	80	140	33
C2220K/C3	100	180	46
C2222K/C3	110	200	53
C2228K/C3	140	260	58
C2315K	75	160	55
C2216K	80	140	33
C2316K	80	170	58
C2217K	85	150	36
C2317K	85	180	60
C2218K	90	160	40
C2318K	90	190	64
C2319K	95	200	67
C222 K	100	180	46
C2320K	100	215	73
C3144K/HA3C4 (Paper Mill Sizes)	220	370	120
C3044K/HA3C4 (Paper Mill Sizes)	240	360	92
C3152K/HA3C4 (Paper Mill Sizes)	240	400	128

NSK Cylindrical Roller Bearings - Metric



- Used in applications where high radial loads exist
- Light and medium series
- High load rating
- High limiting speed
- Steel cage
- Reinforced polyamide cage also available
- See adjacent for various rib formations

N Light Range

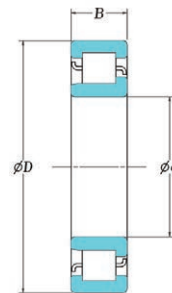


Product Code	Internal Diameter	External Diameter	Width
N204W	20	47	14
N205W	25	52	15
N206W	30	62	16
N207W	35	72	17
N208W	40	80	18
N209W	45	85	19
N210W	50	90	20
N211W	55	100	21
N212W	60	110	22
N213W	65	120	23
N214W	70	120	24

N Medium Range

Product Code	Internal Diameter	External Diameter	Width
N304W	20	47	14
N305W	25	52	15
N306W	30	62	16
N307W	35	72	17
N308W	40	80	18
N309W	45	85	19
N310W	50	90	20
N311W	55	100	21
N312W	60	110	22
N313W	65	120	23
N314W	70	120	24

NJ Light Series

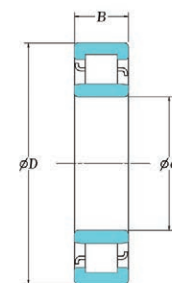


Product Code	Internal Diameter	External Diameter	Width
NJ205EW	25	52	15
NJ206EW	30	62	16
NJ207EW	35	72	17
NJ208EW	40	80	18
NJ209EW	45	85	19
NJ210EW	50	90	20

NJ Medium Series

Product Code	Internal Diameter	External Diameter	Width
NJ305EW	25	62	17
NJ306EW	30	72	19
NJ307EW	35	80	21
NJ308EW	40	90	23
NJ309EW	45	100	25
NJ310EW	50	110	27

NU Light Series



Product Code	Internal Diameter	External Diameter	Width
NU205EW	25	52	15
NU206EW	30	62	16
NU207EW	35	72	17
NU208EW	40	80	18
NU209EW	45	85	19
NU210EW	50	90	20

NU Medium Series

Product Code	Internal Diameter	External Diameter	Width
NU305EW	25	62	17
NU306EW	30	72	19
NU307EW	35	80	21
NU308EW	40	90	23
NU309EW	45	100	25
NU310EW	50	110	27



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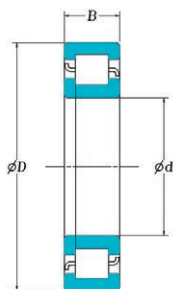


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NUP Light Range

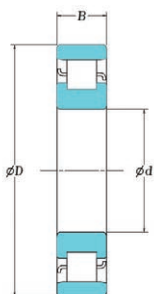
	Internal Diameter	External Diameter	Width
NUP205EW	25	52	15
NUP206EW	30	62	16
NUP207EW	35	72	17
NUP208EW	40	80	18
NUP209EW	45	85	19
NUP210EW	50	90	20
NUP211EW	55	100	21
NUP212EW	60	110	22
NUP213EW	65	120	23

NUP Medium Series

	Internal Diameter	External Diameter	Width
NUP305EW	25	62	17
NUP306EW	30	72	19
NUP307EW	35	80	21
NUP308EW	40	90	23
NUP309EW	45	100	25
NUP310EW	50	110	27
NUP311EW	55	120	29

RHP Cylindrical Roller Bearings - Imperial**RHP bearings**

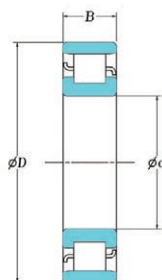
- Used in applications where high radial loads exist
- Light and medium series
- Steel and brass cages available

LRJ Light Range

Product Code	Internal Diameter	External Diameter	Width
LRJ5/8J	5/8	1-9/16	7/16
LRJ3/4J	3/4	1-7/8	9/16
LRJ7/8J	7/8	2	9/16
LRJ1J	1	2-1/4	5/8
LRJ1.1/8J	1-1/8	2-1/2	5/8
LRJ1.1/4J	1-1/4	2-3/4	11/16
LRJ1.3/8J	1-3/8	3	11/16
LRJ1.1/2J	1-1/2	3-1/4	3/4
LRJ1.5/8J	1-5/8	3-1/2	3/4
LRJ1.3/4J	1-3/4	3-3/4	13/16
LRJ1.7/8J	1-7/8	4	13/16
LRJ2J	2	4	13/16
LRJ2.1/4J	2-1/4	4-1/2	7/8
LRJ2.1/2J	2-1/2	5	15/16
LRJ2.3/4J	2-3/4	5-1/4	15/16
LRJ3J	3	5-3/4	1-1/16
LRJ3.1/4M	3-1/4	6	1-1/16
LRJ3.1/2J	3-1/2	6-1/2	1-1/8
LRJ3.3/4M	3-3/4	6-3/4	1-1/8
LRJ4M	4	7-1/4	1-1/4

LRJA Light Range

Product Code	Internal Diameter	External Diameter	Width
LRJA5/8J	5/8	1-9/16	7/16
LRJA3/4J	3/4	1-7/8	9/16
LRJA7/8J	7/8	2	9/16
LRJA1J	1	2-1/4	5/8
LRJA1.1/8J	1-1/8	2-1/2	5/8
LRJA1.1/4J	1-1/4	2-3/4	11/16
LRJA1.3/8J	1-3/8	3	11/16
LRJA1.1/2J	1-1/2	3-1/4	3/4
LRJA1.5/8J	1-5/8	3-1/2	3/4
LRJA1.3/4J	1-3/4	3-3/4	13/16
LRJA2J	2	4	13/16

MRJ Medium Range

Product Code	Internal Diameter	External Diameter	Width
MRJ7/8J	7/8	2-1/4	11/16
MRJ1J	1	2-1/2	3/4
MRJ1.1/8J	1-1/8	2-13/16	13/16
MRJ1.1/4J	1-1/4	3-1/8	7/8
MRJ1.3/8J	1-3/8	3-1/2	7/8
MRJ1.1/2J	1-1/2	3-3/4	15/16
MRJ1.5/8M	1-5/8	4	15/16
MRJ1.3/4J	1-3/4	4-1/4	1-1/16
MRJ1.7/8J	1-7/8	4-1/2	1-1/16
MRJ2J	2	4-1/2	1-1/16
MRJ2.1/4J	2-1/4	5	1-1/4
MRJ2.1/2J	2-1/2	5-1/2	1-1/4
MRJ2.3/4EVM	2-3/4	6-1/4	1-3/8
MRJ3EVM	3	7	1-19/16

MRJA Medium Range

Product Code	Internal Diameter	External Diameter	Width
MRJA7/8J	7/8	2-1/4	11/16
MRJA1J	1	2-1/2	3/4
MRJA1.1/8J	1-1/8	2-13/16	13/16
MRJA1.1/4J	1-1/4	3-1/8	7/8
MRJA1.3/8J	1-3/8	3-1/2	7/8
MRJA1.1/2J	1-1/2	3-3/4	15/16
MRJA1.5/8M	1-5/8	4	15/16
MRJA1.3/4J	1-3/4	4-1/4	1-1/16
MRJA2J	2	4-1/2	1-1/16

Timken Cylindrical Roller Bearings**TIMKEN**

- Leading high performance industry design
- Brass cage with a full-milled pocket design
- Land riding cage minimises drag on the roller elements
- Proprietary profiles on races and rollers
- Enhanced lubrication flow
- Increased load ratings
- Longer Life through reduced heat generation and wear
- Improved uptime and reduced maintenance costs

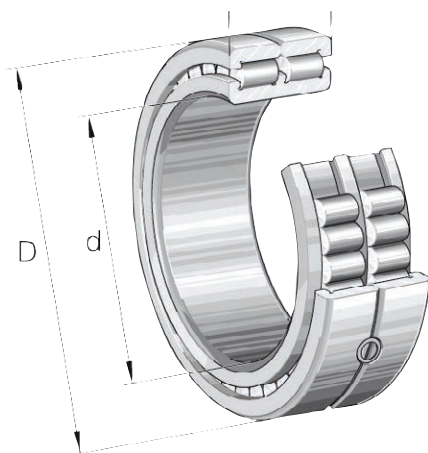
Timken NU Series

Product Code	Internal Diameter	External Diameter	Width
NU218EMA	90	160	30
NU219EMA	95	170	32
NU220EMA	100	180	34
NU222EMA	110	200	38
NU224EMA	120	215	40
NU226EMA	130	230	40
NU228EMA	140	250	42
NU230EMA	150	270	45
NU232EMA	160	290	48
NU2216EMA	80	140	33
NU2219EMA	95	170	43
NU2220EMA	100	180	46
NU2222EMA	110	200	53
NU2224EMA	120	215	58
NU2226EMA	130	230	64
NU2316EMA	80	170	58
NU2318EMA	90	190	64
NU2320EMA	100	215	73
NU2322EMA	110	240	80
NU318EMA	90	190	43
NU319EMA	95	200	45
NU320EMA	100	215	47
NU322EMA	110	240	50
NU324EMA	120	260	55
NU326EMA	130	280	58
NU328EMA	140	300	62
NU1024MA	120	180	28
NU1030MA	150	225	35
NU1032MA	160	240	38
NU1034MA	170	260	42
NU1036MA	180	280	46

Timken NJ Series

Product Code	Internal Diameter	External Diameter	Width
NJ218EMA	90	160	30
NJ219EMA	95	170	32
NJ220EMA	100	180	34
NJ222EMA	110	200	38
NJ224EMA	120	215	40
NJ226EMA	130	230	40
NJ228EMA	140	250	42
NJ230EMA	150	270	45
NJ232EMA	160	290	48
NJ2216EMA	80	140	33
NJ2218EMA	90	160	40
NJ2219EMA	95	170	43
NJ2220EMA	100	180	46
NJ2222EMA	110	200	53
NJ2224EMA	120	215	58
NJ2228EMA	140	250	68
NJ2316EMA	80	170	58
NJ2318EMA	90	190	64
NJ2320EMA	100	215	73
NJ2322EMA	110	240	80
NJ2324EMA	120	260	86
NJ2328EMA	140	300	102
NJ318EMA	90	190	43
NJ319EMA	95	200	45
NJ320EMA	100	215	47
NJ322EMA	110	240	50
NJ324EMA	120	260	55
NJ326EMA	130	280	58

INA Double Row - Full Compliment Bearings



- Complete bearing units with ground inner and outer rings
- Rib guided cylindrical rollers
- Highest dynamic and static basic load ratings due to the maximum number of rolling elements
- Support radial forces as well as limited axial forces in both directions
- Outer ring axially split and held together with retaining clips
- Dimension series according to DIN 5 412-9

Product Code	Internal Diameter	External Diameter	Width
SL01-4912	60	85	25
SL01-4914	70	100	30
SL01-4916	80	110	30
SL01-4918	90	125	35
SL01-4920	100	140	40
SL01-4922	110	150	40
SL01-4924	120	165	45
SL01-4926	130	180	50
SL01-4928	140	190	50
SL01-4930	150	210	60
SL01-4932	160	220	60
SL01-4934	170	230	60

SL01-4936	180	250	69
SL01-4940	200	280	80
SL01-4944	220	300	80
SL01-4952	260	360	100
SL01-4960	300	420	118
SL01-4964	320	440	118
SL01-4972	360	480	118
SL01-4980	400	540	140

Traction Motor Bearings

NSK Traction Motor Bearings



- High capacity traction motor bearings
- Approved for main-line and underground trains
- Metallurgical stabilised for high temperature operations

Product Code	Internal Diameter	External Diameter	Width
NU320E-TM1104	100	215	47
NU322E-TM1104	110	240	50
NU324E-TM1104	120	260	55
NU326E-TM1104	130	280	58
NU330E-TM2104	150	320	65
NU418-TM1101	90	225	54
NU420-TM1101	100	250	58
NU424-TM1104	120	310	72
NUP316E-TM0104	80	170	39
NH311E-TM0114	55	120	29
NH312E-TM0104	60	130	31
NH314E-TM0104	70	150	35
NH317E-TM0104	85	150	36
NH413-TM0112	65	160	37
NH416-TM0104	80	200	48
NU1013-TM0111	65	100	18
NU1022-TM1104	110	170	28
NU1026-TM1101	130	200	33
NU1032-TM1101	160	240	38
6012MRC4EX26	60	95	18
6030AMRC4EX26	150	225	35
6318AMRC3EX26	90	190	43
6413A2MRC5EX26	65	160	37

Ever considered a Bearing Heater to improve the fitting process?

See our Maintenance and Lubrication Tools Section

Tapered Roller Bearings

Timken Metric Tapered Roller Bearings



TIMKEN IsoClass™

- ISO Class 3000 series
- Single row metric taper

Product Code	Internal Diameter	External Diameter	Width
30203	17.00	40.00	13.25
30204	20.00	47.00	15.25
30205	25.00	52.00	16.25
30206	30.00	62.00	17.25
30207	35.00	72.00	18.25
30208	40.00	80.00	19.75
30209	45.00	85.00	20.75
30210	50.00	90.00	21.75
30211	55.00	100.00	22.75
30212	60.00	110.00	23.75
30213	65.00	120.00	24.75
30214	70.00	125.00	26.25
30215	75.00	130.00	27.25
30304	20.00	52.00	16.25
30305	25.00	62.00	18.25
30306	30.00	72.00	20.75
30307	35.00	80.00	22.75
30308	40.00	90.00	25.25
30309	45.00	100.00	27.25
30310	50.00	110.00	29.25
30311	55.00	120.00	31.50
30312	60.00	130.00	33.50
30313	65.00	140.00	36.00
30314	70.00	150.00	38.00
30315	75.00	160.00	40.00
31307	35.00	80.00	22.75
31308	40.00	90.00	25.25
31309	45.00	100.00	27.25
31310	50.00	110.00	29.25
31311	55.00	120.00	31.50
31312	60.00	130.00	33.50
31313	65.00	140.00	36.00
31314	70.00	150.00	38.00
31315	75.00	160.00	40.00
32004X	20.00	42.00	15.00
32005X	25.00	47.00	15.00
32006X	30.00	55.00	17.00
32007X	35.00	62.00	18.00
32008X	40.00	68.00	19.00
32009X	45.00	75.00	20.00
32010X	50.00	80.00	20.00
32011X	55.00	90.00	23.00
32012X	60.00	95.00	23.00
32013X	65.00	100.00	23.00
32014X	70.00	110.00	25.00
32015X	75.00	115.00	25.00
32204	20.00	47.00	19.25
32205	25.00	52.00	19.25
32206	30.00	62.00	21.50
32207	35.00	72.00	24.25
32208	40.00	80.00	24.74

32209	45.00	85.00	24.75
32210	50.00	90.00	24.75
32211	55.00	100.00	26.75
32212	60.00	110.00	29.75
32213	65.00	120.00	32.75
32214	70.00	125.00	33.25
32215	75.00	130.00	33.25
32304	20.00	52.00	22.25
32305	25.00	62.00	25.25
32306	30.00	72.00	28.75
32307	35.00	80.00	32.75
32308	40.00	90.00	35.25
32309	45.00	100.00	38.25
32310	50.00	110.00	42.25
32311	55.00	120.00	45.50
32312	60.00	130.00	48.50
32313	65.00	140.00	51.00
32314	70.00	150.00	54.00
33010	50.00	80.00	24.00
33011	55.00	90.00	27.00
33012	60.00	95.00	27.00
33013	65.00	100.00	27.00
33014	70.00	110.00	31.00
33015	75.00	115.00	31.00
33108	40.00	75.00	26.00
33109	45.00	80.00	26.00
33110	50.00	85.00	26.00
33111	55.00	95.00	30.00
33112	60.00	100.00	30.00
33113	65.00	110.00	34.00
33114	70.00	120.00	37.00
33115	75.00	125.00	37.00
33205	25.00	52.00	22.00
33206	30.00	62.00	25.00
33207	35.00	72.00	28.00
33208	40.00	80.00	32.00
33209	45.00	85.00	32.00
33210	50.00	90.00	32.00
33211	55.00	100.00	35.00
33212	60.00	110.00	38.00
33213	65.00	120.00	41.00
33214	70.00	125.00	41.00
33215	75.00	130.00	41.00

Timken Imperial Tapered Roller Bearings



TIMKEN

- Inch series
- Imperial taper cup and cone assembly

Product Code	Internal Diameter	External Diameter	Width
03062-03162	15.875	41.275	14.287
07087X-07210X	22.225	50.800	15.011
07100S-07210X	25.400	50.800	15.011
09067-09195	19.050	49.225	18.034
15123-15245	31.750	62.000	19.050
16150-16283	38.100	72.238	23.813
18590-18520	41.275	73.025	16.667
18690-18620	46.038	79.375	17.462

18790-18720	50.800	85.000	17.462
19150-19268	38.000	68.262	15.875
1988-1922	28.575	57.150	19.845
25580-25520	44.450	82.931	23.813
2788-2720	38.100	76.200	23.775
3490-3420	38.100	79.375	29.370
3780-3720	50.800	93.264	30.163
3982-3920	63.500	112.712	30.163
3984-3920	66.675	112.712	30.163
4595-4535	53.975	104.775	39.687
49162-49368	41.275	93.662	31.750
529-522	50.800	101.600	34.925
535-532A	44.450	111.125	38.100
55175C-55437	44.450	111.125	30.163
594-592A	95.250	152.400	39.688
A2047-A2126	11.987	31.991	10.008
A4059-A4138	14.989	34.989	10.998
H212749-H212710	65.987	123.975	41.500
HM204049-HM204010	45.987	90.975	32.000
HM218248-HM218210	89.974	146.975	40.000
HM88649-HM88610	34.925	72.233	25.400
HM89446-HM89410	34.925	76.200	29.369
HM89449-HM89410	36.512	76.200	29.369
HM907643-HM907614	50.800	111.125	30.163
JLM104948-JLM104910	50.000	82.000	21.500
JM205149-JM205110	50.000	90.000	28.000
JM612949-JM612910	70.000	115.000	29.000
JW5049-JW5010	45.000	95.000	29.000
L44643-L44610	25.400	50.292	14.224
L44649-L44610	26.988	50.292	14.224
L45449-L45410	29.000	50.292	14.224
L68149-L68110	34.988	59.131	15.875
LM102949-LM102910	45.242	73.431	19.558
LM11749-LM11710	17.462	39.878	13.843
LM11949-LM11910	19.050	45.237	15.494
LM29749-LM29710	38.100	65.088	18.034
LM48548-LM48510	34.925	65.088	38.100
LM501349-LM501310	41.275	73.431	38.895
LM603049-LM603011	45.242	77.788	39.687
LM67048-LM67010	31.750	59.131	32.537
M86649-M86610	30.162	64.292	21.432
M88046-M88010	31.750	68.262	22.225

Timken Trailer Bearings



TIMKEN

- Wheel bearings for small trailers
- Incorporates Timken sealed DUO-FACE technology

Product Code	Internal Diameter	External Diameter	Width
13600LA	38.1	69.012	20.960
395LA	68.262	110.000	24.638
L44600LA	25.4	50.292	16.130
LM29700LA	38.1	65.068	19.940
LM48500LA	34.925	65.088	19.940
LM67000LA	31.75	59.131	17.780
07000LA	25.4	50.005	15.392
LM11900LA	19.05	45.237	17.400
M12600LA	21.43	50.005	19.430

SKF Explorer Tapered Roller Bearings



SKF

NEW

- SKF Explorer tapered roller bearings. Improved performance by optimising the internal geometry and surface finish, combining the extremely clean steel with a unique heat treatment.

- Higher Load carrying capacity
- Improved wear-resistance
- Reduced noise and vibration levels
- Less frictional heat
- Significantly longer bearing service life.

Product Code	Internal Diameter	External Diameter	Width
31308 J2/QCL7C	40	90	25.25
33109/Q	45	80	26
32209 J2/Q	45	85	24.75
31309 J2/QCL7C	45	100	27.25
30310 J2/QCL7C	50	110	29.25
31310 J2/QCL7C	50	110	29.25
32310 BJ2/QCL7C	50	110	42.25
33011/Q	55	90	27
30211 J2/Q	55	100	22.75
30311 J2/Q	55	120	31.5
32311 BJ2/QCL7C	55	120	45.5
32012 X/QCL7C	60	95	23
33012/Q	60	95	27
30212 J2/Q	60	110	23.75
32013 X/Q	65	100	23
33013/Q	65	100	27
30213 J2/Q	65	120	24.75

Need some Bearing Grease?

See our Oils & Greases Section



Spherical Roller Bearings

SKF Spherical Roller Bearings



- Bearing is self-aligning
- Insensitive to angular misalignment
- Accommodates combined loads
- Three piece cage so roller sets can operate independently of each other
- Produced in cylindrical and tapered bore
- Bearings for vibratory applications available
- C3 range suitable for use with SKF Fan Solution Programme
- Now in Explorer Upgrade version for twice the service life in poor lubrication and severe contamination conditions

SKF Tapered Bore

Product Code	Internal Diameter	External Diameter	Width
22207 EK	35	72	23
22208 EK	40	80	23
22208 EK/C3	40	80	23
22209 EK	45	85	23
22209 EK/C3	45	85	23
22210 EK	50	90	23
22210 EK/C3	50	90	23
22211 EK	55	100	25
22211 EK/C3	55	100	25
22212 EK	60	110	28
22212 EK/C3	60	110	28
22213 EK	65	120	31
22213 EK/C3	65	120	31
22215 EK	75	130	31
22215 EK/C3	75	130	31
22216 EK	80	140	33
22216 EK/C3	80	140	33
22217 EK	85	150	36
22218 EK	90	160	40
22219 EK	95	170	43
22220 EK	100	180	46
22220 EK/C3	100	180	46
22222 EK	110	200	53
22222 EK/C3	110	200	53
22224 EK	120	215	58
22224 EK/C3	120	215	58
22226 EK	130	230	64
22228 CCK/C3W33	140	250	68
22232 CCK/C3W33	160	290	80
22309 EK	45	100	36
22311 EK	55	120	43
22312 EK	60	130	46
22313 EK	65	140	48
22314 EK	70	150	51
22315 EK	75	160	55
22316 EK	80	170	58
22317 EK	85	180	60
22318 EK	90	190	64
22319 EK	95	200	67
22320 EK	100	215	73

Product Code	Internal Diameter	External Diameter	Width
22322 EK	110	240	80
23024 CCK/W33	120	180	46
23036 CCK/W33	180	280	74

SKF Cylindrical Bore

Product Code	Internal Diameter	External Diameter	Width
21308 E	40	90	23
21309 E	45	100	25
21310 E	50	110	27
21311 E	55	120	29
21312 E	60	130	31
21313 E	65	140	33
21314 E	70	150	35
21315 E	75	160	37
21316 E	80	170	39
22205 E	25	52	18
22206 E	30	62	20
22207 E	36	72	23
22208 E	40	80	23
22208 E/C3	40	80	23
22209 E	45	85	23
22209 E/C3	45	85	23
22210 E	50	90	23
22210 E/C3	50	90	23
22211 E	55	100	25
22211 E/C3	55	100	25
22212 E	60	110	28
22212 E/C3	60	110	28
22213 E	65	120	31
22213 E/C3	65	120	31
22214 E	70	125	31
22215 E	75	130	31
22215 E/C3	75	130	31
22216 E	80	140	33
22217 E	85	150	36
22218 E	90	160	40
22219 E	95	170	43
22220 E	100	180	46
22220 E/C3	100	180	46
22222 E	110	200	53
22222 E/C3	110	200	53
22224 E	120	215	58
22224 E/C3	120	215	58
22226 E	130	230	64
22228 CC/C3W33	140	250	68
22232 CC/C3W33	160	290	80
22308 E	40	90	33
22309 E	45	100	36
22310 E	50	110	40
22311 E	55	120	43
22312 E	60	130	46
22313 E	65	140	48
22314 E	70	150	51
22315 E	75	160	55
22316 E	80	170	58
22317 E	85	180	60
22318 E	90	190	64
22319 E	95	200	67
22320 E	100	215	73
22322 E	110	240	80
22324 CC/W33	120	260	86
22326 CC/W33	130	280	93
23022 CC/W33	110	170	45
23024 CC/W33	120	180	46
23026 CC/W33	130	200	52
23028 CC/W33	140	210	53

Product Code	Internal Diameter	External Diameter	Width
23030 CC/W33	150	225	56
23032 CC/W33	160	240	60
23034 CC/W33	170	260	67
23036 CC/W33	180	280	74

SKF Vibratory

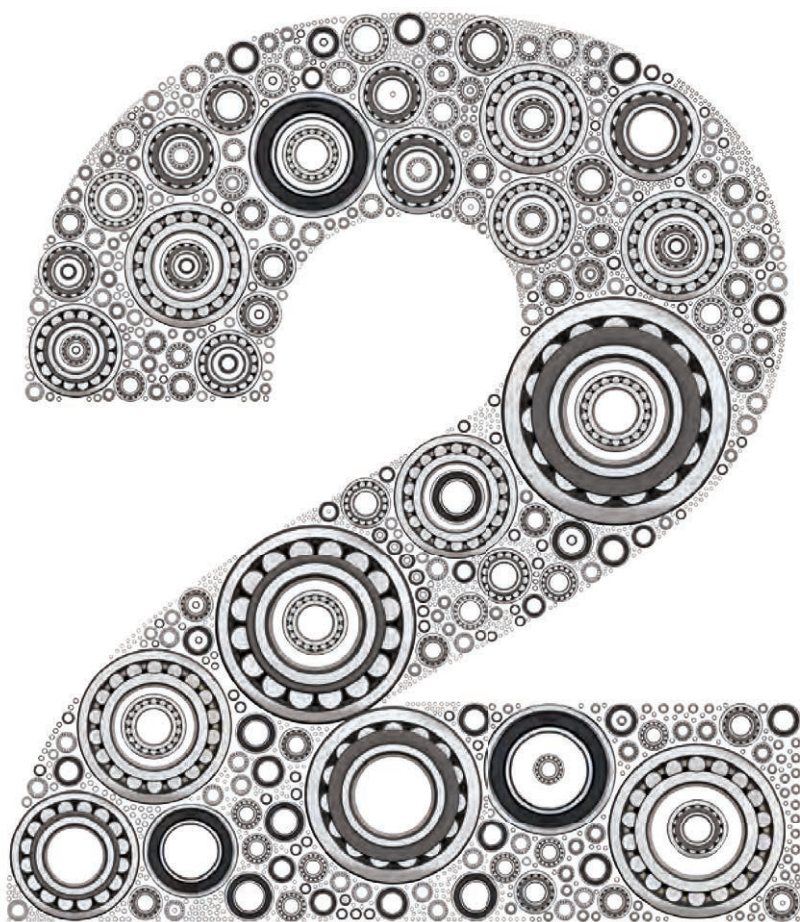
Product Code	Internal Diameter	External Diameter	Width
22318 EJA/VA405	90	190	64
22320 EJA/VA405	100	215	73
22322 EJA/VA405	110	240	80
22324 CCJA/W33VA405	120	260	86
22326 CCJA/W33VA405	130	280	93
22328 CCJA/W33VA405	140	300	102
22330 CCJA/W33VA405	150	320	108
22332 CCJA/W33VA405	160	340	114
22336 CCJA/W33VA405	180	380	126

SKF Sealed Spherical Roller



- Capable of carrying heavy loads
- Not affected by normal angular misalignment and shaft alignment errors
- Sealed at both sides with rubber seals, which retain grease in the bearing
- Protected against contamination and moisture
- When environments are harsh can be used as part of the SKF Three Barrier Solution
- Ready-to-mount and normally maintenance free
- Available for shaft diameters from 25 to 220mm

Product Code	Internal Diameter	External Diameter	Width
BS2-2208-2CS	40	80	28
BS2-2209-2CS	45	85	28
BS2-2210-2CS	50	90	28
BS2-2211-2CS	55	100	31
BS2-2212-2CS	60	110	34
BS2-2213-2CS	65	120	38
BS2-2214-2CS	70	125	38
BS2-2215-2CS	75	130	38
BS2-2216-2CS	80	140	40
BS2-2217-2CS	85	150	44
BS2-2218-2CS	90	160	48



Upgraded SKF Explorer spherical roller bearings last up to twice as long



What if a bearing was so good, it could last twice as long as the one it replaces? So good that it could reduce energy costs, cut lubricant use, and even allow you to run your machinery faster and cooler? The benefits to your operation would far outweigh the cost of these bearings.

SKF Explorer spherical roller bearings are just that good, delivering twice the life of original SKF Explorer bearings under contaminated and poor lubrication conditions.

Additionally, sealed SKF Explorer spherical roller bearings can be considered lubricated for the life of the bearing in many applications. By eliminating or extending relubrication intervals, these bearings can significantly reduce the cost to purchase, apply and dispose of grease.

For further information: www.skf.co.uk/srb



SKF (U.K.) Limited
01582 490049
www.skf.co.uk

SKF®

AIP – ADDED VALUE PROGRAMME

INCREASE YOUR PROFITABILITY AND RELIABILITY



The added value programme: use our knowledge to get ahead.

Optimum bearing use reduces downtime and therefore enhances profitability. We will work with you at your premises to develop a package of measures based on a standardised process and ensure the results are quantifiable.

Cost savings are just a click away. The NSK 'Cost saving calculator' app allows us to record your specific details and show you how much you could save by using the optimum NSK product. Please visit www.nskmultimedia.com to download the app.



NSK Spherical Roller Bearings

NSK HPS Roller Bearings - Steel Cage



- High strength low-wear steel cage
- Increased limiting speed
- Oil groove & hole are standard features
- Cylindrical bore (bearings with tapered bores are also available)
- Twice the running life of industry standard bearings
- Will accommodate heavy radial loads and some axial loads in both directions
- High temperature capability up to 200°C
- NSK spherical roller bearings are also available with Molded-Oil™ technology and Sealed Clean Sealing System

Product Code	Internal Diameter	External Diameter	Width
22208EAE4	40	80	23
22209EAE4	45	85	23
22210EAE4	50	90	23
22211EAE4	55	100	25
22212EAE4	60	110	28
22213EAE4	65	120	31
22308EAE4	40	90	33
22309EAE4	45	100	36
22310EAE4	50	110	40
22311EAE4	55	120	43
22312EAE4	60	130	46
22313EAE4	65	140	48

NSK HPS Roller Bearings - Brass Cage



- Solid brass cage giving high strength
- Optimised roller surface finish for better performance and wear resistance
- Up to 20% higher limiting speed compared to conventional bearing
- Life enhance by up to two times
- Lower maintenance costs

Product Code	Internal Diameter	External Diameter	Width
23220CAME4S11	100	180	60.3
23222CAME4S11	110	200	69.8
23224CAME4S11	120	215	76
23226CAME4S11	130	230	80
23228CAME4S11	140	250	88
23230CAME4S11	150	270	96
23232CAME4S11	160	290	104
23234CAME4S11	170	310	110
23236CAME4S11	180	320	112
23238CAME4S11	190	340	120

RHP Spherical Roller Bearings



RHP bearings

NEW

- High strength, low wear steel cage
- Accommodates heavy radial loads and some axial loads in both directions
- High temperature capability up to 200° C
- Available in steel and brass cage
- Available in cylindrical and tapered bore
- Oil groove and hole on the outer ring

Product Code	Internal Diameter	External Diameter	Width
22214EJW33	70	125	31
22215EJW33	75	130	31
22216EJW33	80	140	33
22217EJW33	85	150	36
22218EJW33	90	160	40
22319EJW33	95	200	67
22320EJW33	100	215	73
22322EJW33	110	240	80
22324EJW33	120	260	86
22326EJW33	130	280	93

RHP Vibratory Spherical Roller Bearings



RHP bearings

- Precision one piece brass cage gives damping for vibratory applications
- Heat stabilised rings give continuous operation up to 200°C
- Increased capacity through the use of optimised internal geometry and longer rollers
- Extra grease capacity improved grease life
- Increased reliability due to reduced friction and wear and lower operating temperature

Product Code	Internal Diameter	External Diameter	Width
22317EVBC4	85	180	60
22318EVBC4	90	190	64
22319EVBC4	95	200	67
22320EVBC4	100	215	73
22322EVBC4	110	240	80
22324EVBC4	120	260	86
22326EVBC4	130	280	93
22328EVBC4	140	300	102
22330EVBC4	150	320	108
22332EVBC4	160	340	114

Timken Spherical Roller Bearing



TIMKEN

- New EJ design spherical roller bearing
- New slotted cage design to increase lubrication flow and reduce operating temperature to extend life
- Optimised internal geometries and surface finishes increase capacity and life
- Steel cage (EJ) and machined Brass cage (EM / EMB) available
- Snap shot of range with various series, clearance and taper "K" bore versions available as standard

Product Code	Internal Diameter	External Diameter	Width
22205EJW33	25	52	
22206EJW33	30	62	20
22207EJW33	35	72	23
22208EJW33	40	80	23
22209EJW33	45	85	23
22210EJW33	50	90	23
22211EJW33	55	100	25
22212EJW33	60	110	28
22213EJW33	65	120	31
22214EJW33	70	125	31
22215EJW33	75	130	31
22216EJW33	80	140	33
22217EJW33	85	150	35
22218EJW33	90	160	40
22219EJW33	95	170	43
22220EJW33	100	180	46
22222EJW33	110	200	53
22224EJW33	120	215	58
22226EJW33	130	230	64
22228EJW33	140	250	68
22230EJW33	150	270	73

Timken Vibratory Spherical Roller Bearings



TIMKEN

- New High Performance to minimise the impact of debris
- Precision machined roller riding brass cage for greater durability
- Enhanced roller / cage contact geometry to reduce friction for cooler operation
- Robust cage bridge designed to operate in extreme environments

Product Code

22309EMW33W800C4
22310EMW33W800C4
22311EMW33W800C4
22312EMW33W800C4
22313KEMW33W800C4
22313EMW33W800C4
22314EMW33W800C4
22317EMW33W800C4
22318EMW33W800C4
22320EMW33W800C4
22322EMW33W800C4
22326EMW33W800C4
22328EMW33W800C4
22330EMW33W800C4

FAG Spherical Roller Bearings



FAG



- FAG X-life spherical roller bearing
- Heat stabilised for operating temperatures up to 200°C
- Bearing with higher load capacity and longer operating life
- Higher static safety factor
- Reduced operating costs
- Reduced friction and lower temperatures due to higher quality rollers and raceways
- Various dimension series with bore sizes 20 to 900mm
- Also available with tapered bore for use with adapter sleeve
- Available with various cage materials
- Available in various radial internal clearance classes

Product Code	Internal Diameter	External Diameter	Width
22205-E1	25	52	18
22206-E1	30	62	20
22207-E1	35	72	23
22208-E1	40	80	23
22209-E1	45	85	23
22210-E1	50	90	23
22212-E1	60	110	28
22215-E1	75	130	31
22216-E1	80	140	33
22217-E1	85	150	36
22218-E1	90	160	40
22220-E1	100	180	46
22222-E1	110	200	53
22224-E1	120	215	58
22226-E1	130	230	64
22228-E1	140	250	68
22230-E1	150	270	73
22232-E1	160	290	80
22234-E1	170	310	86
22236-E1	180	320	86

FAG Sealed Spherical Roller Bearings



NEW

- FAG X-life spherical roller bearing
- Sealed on both sides; available in bore sizes 25mm up to 220mm
- Bearing with oversize width prefix WS (WS = wide size)
- Heat stabilised rings with seals suitable for operating temperatures from -20 to +100°C
- Very high basic static and dynamic load ratings
- Bearing with higher load capacity and longer operating life
- Reduced maintenance outlay

Product Code	Internal Diameter	External Diameter	Width
WS22205-E1-2RSR	25	52	23
WS22206-E1-2RSR	30	62	25
WS22207-E1-2RSR	35	72	28
WS22208-E1-2RSR	40	80	28
WS22209-E1-2RSR	45	85	28
WS22210-E1-2RSR	50	90	25
WS22211-E1-2RSR	55	100	31
WS22212-E1-2RSR	60	110	34
WS22213-E1-2RSR	65	120	37
WS22214-E1-2RSR	70	125	38
WS22215-E1-2RSR	75	130	38
WS22216-E1-2RSR	80	140	40
WS22217-E1-2RSR	85	150	44
WS22218-E1-2RSR	90	160	48
WS22220-E1-2RSR	100	180	55
WS22222-E1-2RSR	110	200	63
WS22224-E1-2RSR	120	216	69
WS22226-E1-2RSR	130	230	75

FAG Split Spherical Roller Bearings



FAG

- Heat stabilised for operating temperatures up to 200°C
- Bearing with higher load capacity and longer operating life
- Various dimension series (222, 230 & 231) bore sizes 55mm up to 630mm
- Also available in imperial bore sizes 2-3/16" up to 16"
- Suitable for use in FAG and Competitors split Plummer block housings
- Reduced downtime and maintenance costs
- Higher static safety factor
- Available with various cage materials

Product Code	Internal Diameter	External Diameter	Width
222SM55-TVPA	55	110	52
222SM60-TVPA	60	120	55
222SM65-TVPA	65	130	60
222SM70-TVPA	70	140	62
222SM75-TVPA	75	150	68
222SM80-TVPA	80	160	70
222SM90-TVPA	90	180	76
222SM100-TVPA	100	200	92
222SM115-TVPA	115	230	104
222SM125-TVPA	125	250	110
222SM135-TVPA	135	270	122
222SM140-TVPA	140	290	124
222SM150-TVPA	150	310	128
222SM160-TVPA	160	320	131
222SM170-TVPA	170	340	142
222SM180-TVPA	180	360	154
222SM200-TVPA	200	400	162

Spherical Thrust Roller Bearings

SKF Spherical Thrust Roller Bearings



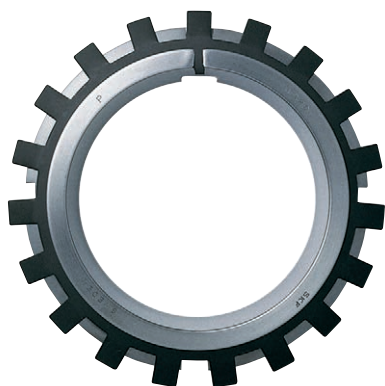


- Bearing is self-aligning
- Insensitive to shaft deflection and misalignment
- Supports very heavy axial loads
- Permits relatively high-speed operation
- Accommodates radial loads in addition to simultaneous acting axial loads
- Available for bore diameters from 60 to 1600 mm
- Now in Explorer Upgrade version for twice the service life in poor lubrication and severe contamination conditions

Product Code	Internal Diameter	External Diameter	Width
29412E	60	130	42
29413E	65	140	45
29414E	70	150	48
29416E	80	170	54
29417E	85	180	58
29418E	90	190	60
29320E	100	170	42
29420E	100	210	67
29322E	110	190	48
29422E	110	230	73
29324E	120	210	54
29424E	120	250	78
29326E	130	225	58
29426E	130	270	85
29328E	140	240	60
29428E	140	280	85
29330E	150	250	60
29430E	150	300	90
29432E	160	320	95
29434E	170	340	103
29436E	180	360	109
29438E	190	380	115
29240E	200	280	48
29340E	200	340	85
29440E	200	400	122
29452E	260	480	132

Adaptor Sleeves

HRB+ Adaptor Sleeve



- Secures bearings with a tapered bore on to cylindrical shaft seating
- Facilitates bearing mounting and dismounting

Product Code	Shaft Diameter	Length
H 204	17	24
H 205	20	26
H 206	25	27
H 207	30	29
H 208	35	31
H 209	40	33
H 210	45	35

Product Code	Shaft Diameter	Length
H 211	50	37
H 212	55	38
H 213	60	40
H 215	65	43
H 216	70	46
H 217	75	50
H 309	40	39
H 310	45	42
H 311	50	45
H 312	55	47
H 313	60	50
H 315	65	55
H 316	70	59
H 317	75	63
H 318	80	65
H 320	90	71
H 322	100	77
H 2309	40	50
H 2311	50	59
H 2313	60	65
H 2316	70	78
H 2318	80	86
H 2320	90	97
H 2322	100	105
H 2324	110	112
H 2328	125	131

Timken Withdrawal Sleeves



TIMKEN

- Secures bearing onto a shaft
- Push-type mounting arrangement and locking device
- Facilitates bearing mounting and dismounting

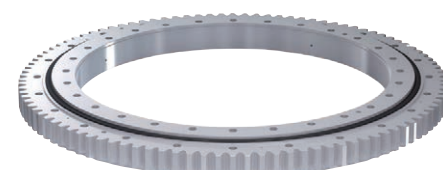
Product Code	Shaft Diameter	Length
AHX2310	45	50
AHX2311	50	54
AHX2312	55	58
AHX2313G	60	61
AHX2314G	65	64
AHX2315G	70	68
AHX2316	75	71
AHX2317	80	74
AHX2318	85	79
AHX2319	90	85
AHX2320	95	90
AHX3120	95	64
AHX3122	105	68
AHX3124	115	75
AHX3126	125	78
AHX3128	135	83

Slewing Ring Bearings



- Four point contact ball bearings with or without gearing.
- Capable of accommodating axial or radial loads, as well as tilting movements
- Pre-lubricated and delivered with grease nipples, high quality seals and standardised bolt hole patterns.
- Typical applications include :- Material handling equipment, construction/earth moving equipment, machine tools, aerial work platforms, mobile cranes, robots, turntables and excavators.
- Easy mounting, long service life and easy to order through the Brammer national branch network.
- For full dimensional and specification data please contact your local Brammer branch
- Sizes produced from 125mm - 1400mm diameter
- Alignment services, specialised lubrication systems, integrated grease samplers, and special grease to ensure a long and trouble free life
- Sample of the SKF ranges shown below

SKF External Gear Type



Product Code

RKS.21 0411

RKS.21 0541

RKS.21 0641

RKS.21 0741

RKS.21 0841

RKS.21 0941

RKS.21 1091

SKF Internal Gear Type



Product Code

RKS.22 0411

RKS.22 0541

RKS.22 0641

RKS.22 0711

RKS.22 0841

RKS.22 0941

RKS.22 1091

SKF Without Gear Type



Product Code

RKS.23 0411

RKS.23 0541

RKS.23 0641

RKS.23 0741

RKS.23 0841

RKS.23 0941

RKS.23 1091

Needle Roller Bearings

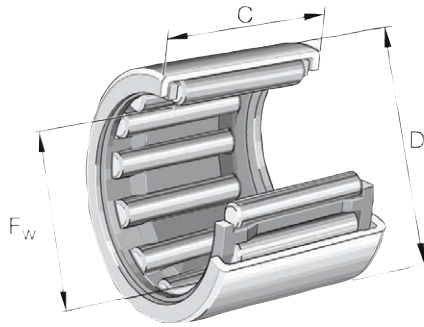
Koyo Inch Full Compliment Drawn Cup Needle Bearings



- Drawn cup option includes full complement, caged, open and closed end
- Extra precision bearings available (prefix GB) providing close control of radial play and eccentricity

Product Code	Internal Diameter	External Diameter	Width
B36	3/16	11/32	3/8
B88	1/2	11/16	5/8
B98	9/16	3/4	1/2
B105	5/8	13/16	5/16
B108	5/8	13/16	1/2
B610	3/8	9/16	5/8
B912	9/16	3/4	3/4
B1212	3/4	1	3/4
B1412	7/8	1-1/8	3/4
B1612	1	1-1/4	3/4
B1816	1-1/8	1-3/8	1
B2016	1-1/4	1-1/2	1
B2020	1-1/4	1-1/2	1-1/4
B2414	1-1/2	1-7/8	7/8
B2420	1-1/2	1-7/8	1-1/4
B2824	1-3/4	2-1/8	1-1/2
B3216	2	2-3/8	1
B3228	2	2-3/8	1-3/4
BH-2212	1-3/8	1-3/4	3/4
BH-3312	2-1/16	2-17/32	3/4

INA HK Drawn Cup Needle Roller Bearings



- Thin walled caged needle bearing assemblies
- Produced to DIN 618-1 / ISO 3 245
- Can be used with INA IR or LR inner rings
- Press fit in housing, no further axial location required
- Can be combined with axial needle bearings of the series AXW
- Can be supplied with Integral seals, special lubricants, corrosion protection or closed end

Product Code	Internal Diameter	External Diameter	Width
HK 0408	4	8	8
HK 0609	6	10	9
HK 0810	8	12	10
HK 1010	10	14	10
HK 1012	10	14	12
HK 1210	12	16	10
HK 1212	12	18	12
HK 1612	16	22	12
HK 1622	16	22	22
HK 2020	20	26	20
HK 2030	20	26	30
HK 2210	22	28	10
HK 2520	25	32	20
HK 3026	30	37	26
HK 3520	35	42	20
HK 4012	40	47	12
HK 4020	40	47	20
HK 4516	45	52	16
HK 5020	50	58	20
HK 5025	50	58	25

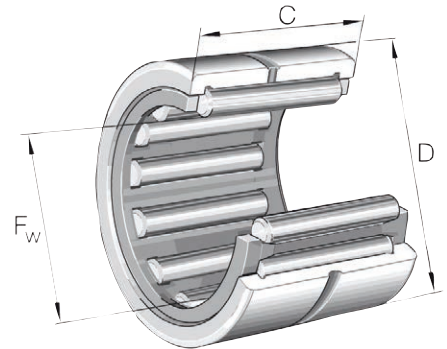
Koyo Drawn Cup Roller Clutch & Bearing Assemblies



- Roller clutch alone or with bearing assembly
- Regular or stainless steel spring
- Compact, lightweight and operate directly on a hardened shaft
- Easy press fit installation

Product Code	Internal Diameter	External Diameter	Width
RC-061008	3/8	5/8	1/2
RC-081208	1/2	5/8	1/2
RC-101410	5/8	7/8	5/8
RC-121610	3/4	1	7/8
RC-162110	1	1-5/16	7/8
RCB-061014	3/8	5/8	7/8
RCB-081214	1/2	3/4	7/8
RCB-101416	5/8	7/8	1
RCB-121616	3/4	1	1
RCB-162117	1	1-5/16	1-1/16

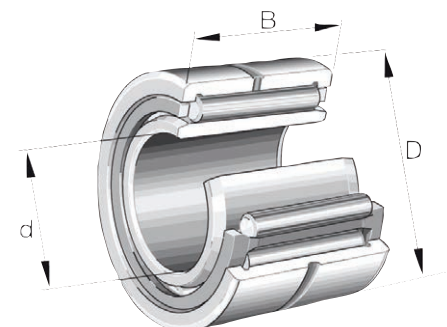
INA NK Machined Needle Roller Bearings



- Available sizes 5mm to 110mm
- Can be used with INA inner rings, series IR
- Can be used with INA sealing rings series G or SD
- Available with Corrotect® corrosion protection

Product Code	Internal Diameter	External Diameter	Width
NK5/12	5	10	10
NK8/16	8	15	12
NK10/16	10	17	16
NK12/12	12	19	12
NK15/16	15	23	16
NK16/20	16	24	20
NK18/16	18	26	16
NK19/20	19	27	20
NK20/20	20	28	20
NK22/20	22	30	20
NK24/20	24	32	20
NK25/20	25	33	20
NK28/30	28	37	30
NK30/20	30	40	20
NK35/20	35	45	20
NK40/30	40	50	30
NK45/30	45	55	30
NK50/35	50	62	31
NK60/35	60	72	35
NK75/25	75	92	35

INA NKI Machined Needle Roller Bearings





- Available sizes 5mm to 100mm
- Sizes > 7mm supplied with oil hole and lubrication groove
- Can be supplied with Corrotect® corrosion protection
- Can be supplied with special bearing greases

Product Code	Internal Diameter	External Diameter	Width
NK15/12	5	15	12
NK17/12	7	17	12
NK110/16	10	22	16
NK112/16	12	24	16
NK115/16	15	27	16
NK117/20	17	29	20
NK120/16	20	32	16
NK120/20	20	24	32
NK122/16	22	34	16
NK122/20	22	34	20
NK125/20	25	38	20
NK125/30	25	38	30
NK128/30	28	42	30
NK130/20	30	45	20
NK135/20	35	50	20
NK140/30	40	55	30
NK145/35	45	62	35
NK150/35	50	68	35
NK160/35	60	82	35
NK175/25	75	105	35

Koyo Inch Needle Cage Roller Assemblies

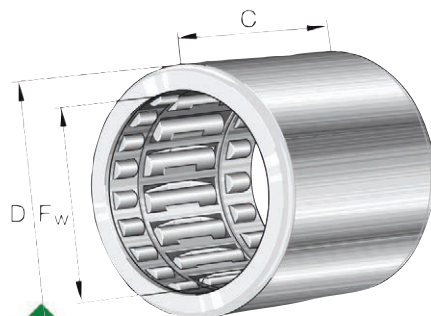


Koyo

- Heavy duty WJ series
- Light duty WJC range also available
- Tight geometrical tolerances
- Chromium steel rollers sorted in 3 µm classes
- Steel or polymer cages available to suit application
- Controlled contour rollers optimise contact stress distribution

Product Code	Internal Diameter	External Diameter	Width
WJ-121616	3/4		1
WJ-162112	1	1-5/16	3/4
WJ-202612	1-1/4	1-5/8	3/4
WJ-243016	1-1/2	1-7/8	1
WJ-283412	1-3/4	2-1/8	3/4
WJ-323812	2	2-3/8	3/4
WJ-364216	2-1/4	2-5/8	1
WJ-485416	3	3-3/8	1
WJ-647216	4	4-1/2	1
WJ-809624	5	6	1-1/2

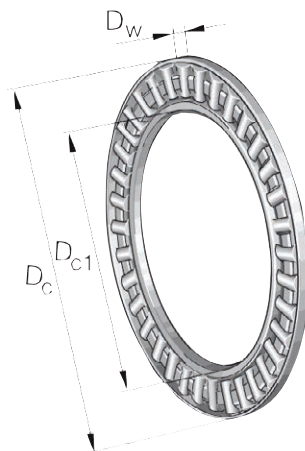
INA HFL Drawn Cup Roller Clutches



- One way roller clutch consisting of drawn outer ring, plastic cage, springs and needle rollers
- Can transmit torque in one direction
- Particularly low section height
- High indexing accuracy and allows for a high indexing frequency
- Low free-wheeling frictional moment
- Integral radial support bearings transmit radial loads
- Easy to fit with no further axial location required
- May be supplied with straight knurl on outer surface (suffix R)

Product Code	Internal Diameter	External Diameter	Width
HFL0308KF	3	6.5	8
HFL0408-KF	4	8	8
HFL0615-KF	6	10	15
HFL0822-KF	8	12	22
HFL1022	10	14	22
HFL1226	12	18	26
HFL1426	14	20	26
HFL1626	16	22	26
HFL1826	18	24	26
HFL2026	20	26	26
HFL2530	25	32	30
HFL3030	30	37	30
HFL3530	35	42	30

INA AXK Roller and Cage Assemblies

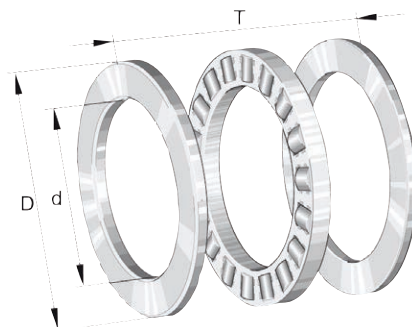


- Axial needle roller and cage assembly to DIN 5405-2
- Dimension range 4mm to 160mm
- Very low axial section height with high axial capacity

Product Code	Internal Diameter	External Diameter	Width
AXK0515-TV	5	15	2
AXK0619-TV	6	19	2
AXK1024	10	24	2
AXK1226	12	26	2
AXK1730	17	30	2
AXK2035	20	35	2
AXK2542	25	42	2
AXK3047	30	47	2
AXK4060	40	60	3

Product Code	Internal Diameter	External Diameter	Width
AXK5070	50	70	3
AXK6085	60	85	3
AXK75100	75	100	4
AXK80105	80	105	4
AXK90120	90	120	4
AXK100135	100	135	4
AXK110145	110	145	4
AXK120155	120	155	4
AXK130170	130	170	5
AXK150190	150	190	5
AXK160200	160	200	5

INA Axial Roller Bearings



- Axial cylindrical roller bearings to DIN 722 /ISO 104
- Dimension range 15mm to 320mm
- Low axial section height with very high axial capacity
- Various washers may be supplied with Corrotect® coating
- 812 .. Dimension range 30mm to 300mm
- 893 .. Dimension range 30mm to 150mm
- 894 .. Dimension range 60mm to 320mm

Product Code	Internal Diameter	External Diameter	Width
81102TN	15	28	9
81104TN	20	35	10
81105TN	25	42	11
81106TN	30	47	11
81108TN	40	60	13
81110TN	50	70	14
81112	60	85	17
81115	75	100	19
81116	80	105	19
81120	100	135	25
81122	110	145	25
81126	130	170	30
81130	150	190	31
81132	160	200	31
81136	180	225	34
81140	200	250	37
81144	220	270	37
81152	260	320	45
81160	300	380	62
81164	320	400	63

**Please contact your
local Sales and Service
Centre for all your Bearing
requirements**



Koyo Inch Thrust Needle Roller Assemblies



Koyo

- Thrust needle roller (NTA) & thrust cylindrical roller (NTH) assemblies
- Needle rollers or cylindrical rollers
- One-Way Fool-Proof assembly features, anti-rotation locking features & lubrication flow enhancements
- High-speed performance and application flexibility

Product Code	Internal Diameter	External Diameter	Width
NTA-411	1/4	11/16	5/65
NTA-1220	3/4	1-1/4	5/64
NTA-2435	1-1/2	2-3/16	5/64
NTA-4052	2-1/2	3-1/4	5/64
NTA-6074	3-3/4	4-5/8	1/8
NTH-2448	1-33/64	2-31/32	1/4
NTH-3460	2-1/8	3-23/32	3/8
NTH-3864	2-3/8	3-31/32	3/8
NTH-4472	2-3/4	4-7/16	3/8
NTH-5280	3-1/4	4-15/16	3/8

Koyo Inch Solid Race



Koyo

- With or without inner ring
- Lubrication hole on outer diameter and inner ring
- Available with 1 or 2 integral seals (RS/2RS)
- Support very high dynamic, static & shock loads

Product Code	Internal Diameter	External Diameter	Width
HJ-122012	3/4	1-1/4	3/4
HJ-162412	1	1-1/2	3/4
HJ-243316	1-1/2	2-1/16	1
HJ-283716	1-3/4	2-5/16	1
HJ-324116	2	2-9/16	1
HJ-405224	2-1/2	3-1/4	1-1/2
HJ-445616	2-3/4	3-1/2	1
HJ-486024	3	3-3/4	1-1/2
HJ-526828	3-1/4	4-1/4	1-3/4
HJ-567232	3-1/2	4-1/2	2

Koyo Combined Needle Roller Bearings



Koyo

NEW

- Available in shaft diameters of 5mm to 45mm
- Open and closed ends (RAX/RAXF)
- Unitized package
- Effective alternative to separate radial and thrust bearings
- Suitable for applications in automotive transmission and industrial markets

Product Code	Internal Diameter	External Diameter	Width
RAX705	5	9	11
RAX712	12	18	14.2
RAX720	20	26	18.2
RAX745	45	52	22.2
RAXF12	12	18	14.2
RAXF720	20	26	18.2
RAXF7309	40	48	22.2

Koyo Combined Solid Race Needle and Cylindrical Roller Bearings



Koyo

NEW

- Available in shaft diameters of 10mm to 70mm
- Available with needle roller, cylindrical roller and ball (NAXK) thrust components
- Can be used with or without matching inner rings and thrust washers
- Inner rings also available
- High axial load capability
- End caps also available

Product Code	Internal Diameter	External Diameter	Width
RAX410		19	19
RAX510	10	19	19.5
RAX470	70	85	28
RAX570	70	85	32
RAXZ510	10	19	21.5
RAXZ570	70	85	36
NAXK10	10	19	23
NAXK70	70	85	40

Koyo Inch Caged Drawn Cup Needle Roller Bearings



Koyo

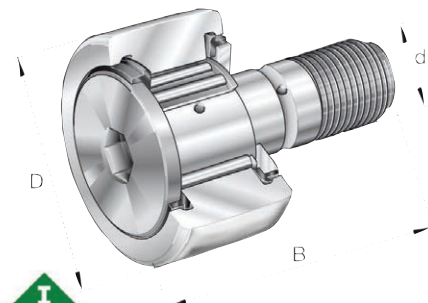
NEW

- Shaft diameter 1/8 inch to 2 3/4 inch
- One piece cage is mainly steel construction
- Separate roller guidance and roller retaining functions
- Minimum drag between cage and rollers
- Improved circulation of lubrication
- Engineered polymer cages are also available depending on the application
- Open and closed ends (MJ/MJH) available
- Single and double seals
- Inner races also available

Product Code	Internal Diameter (Inch)	External Diameter	Width
JP-23-F	0.125	0.250	0.188
J-45	0.250	0.437	0.312
J-1612	1.000	1.250	0.750
J-4412	2.750	3.125	0.750
MJ-361	0.250	0.343	0.375
MJ-32161	2.000	2.375	1.000
JT-56	0.312	0.500	0.375
JTT-2018	1.250	1.500	1.250

Track Rollers

INA Stud Type Track Rollers



- With axial guidance for the outer ring by washers
- Double lip seals and grease-packed with grease to DIN 51 825 KP2N-25
- Outside diameter range 16mm to 90mm
- With 'optimised' outer ring profile - reduced Hertzian pressure and lower edge loading
- Can be supplied with Corrotect® protection
- With eccentric collar as series KRE..

Product Code	Stud Dia	Outer Ring Width
KR16-PP	16	11
KR19-PP	19	11
KR22-PP	22	12
KR26-PP	26	12
KR30-PP	30	14
KR32-PP	32	14
KR35-PP	35	18
KR40-PP	40	20
KR47-PP	47	24
KR52-PP	52	24



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SCHAEFFLER



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Brammer offers a comprehensive Energy Service covering all aspects of energy efficiency best practice in a production environment.

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Brammer offers a wide range of energy-saving surveys and audits covering all aspects of energy efficiency within a production environment – delivering an array of benefits, including:

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- Condition monitoring.
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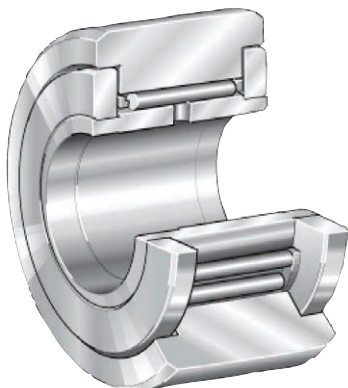
To help increase our customer's knowledge of energy efficiency, Brammer offers a seminar and training programme covering best practice and important energy saving information:

- Energy savings best practice.
- Energy seminars.

For more information, contact your local Brammer Sales & Service Centre on 0870 240 2100.

Product Code	Stud Dia	Outer Ring Width
KR62-PP	62	29
KR72-PP	72	29
KR80-PP	80	35
KR90-PP	90	35

INA Yoke Type Track Rollers



- With axial guidance for the outer ring by washers
- Double lip seals and grease packed with grease to DIN 51 825 KP2N-25
- Outside diameter range 16mm to 90mm
- With "optimised" outer ring profile - reduced Hertzian pressure and lower edge loading
- Can be supplied with Corroctect® protection

Product Code	Internal Diameter	External Diameter	Width
NATR5-PP	5	16	12
NATR6-PP	6	19	12
NATR8-PP	8	24	15
NATR10-PP	10	30	15
NATR12-PP	12	32	15
NATR15-PP	15	35	19
NATR17-PP	17	40	21
NATR20-PP	20	47	25
NATR25-PP	25	52	25
NATR30-PP	30	62	29
NATR35-PP	35	72	29
NATR40-PP	40	80	32
NATR50-PP	50	90	32

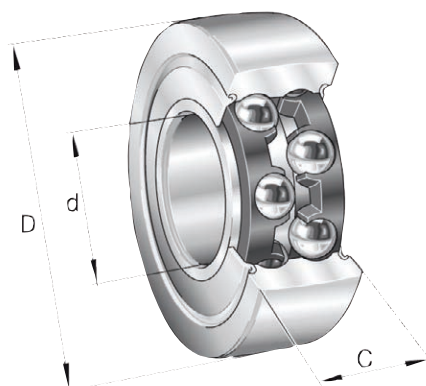
RBC Stud Type Track Rollers



- Long life cam follower that offers 400% life improvement over needle bearing cam follower designs
- Dimensionally interchangeable with needle cam follower designs
- RBC stud type followers come complete with a new Hex Lube feature
- Equipped with grease fittings installed in the roller end to permit relubrication
- Crowned and cylindrical versions available
- Roller design offers increased speeds and lower operating temperatures
- Standard contacting lip seals offer enhanced protection against contamination

Product Code	Outer Ring Diameter - Inch	Width - Inch	Stud Length - Inch	Max Speed (rpm)	Dynamic Capacity (lbf)
RBC1	1.000	.625	1.000	9400	3000
RBC1-1/8	1.125	.625	1.000	9400	3000
RBC1-1/4	1.250	.750	1.250	7500	4100
RBC1-3/8	1.375	.750	1.250	7500	4100
RBC1-1/2	1.500	.875	1.500	6200	6200
RBC1-5/8	1.625	.875	1.500	6200	6200
RBC1-3/4	1.750	1.000	1.750	4700	8200
RBC1-7/8	1.875	1.000	1.750	4700	8200
RBC2	2.000	1.250	2.000	4100	12400
RBC2-1/4	2.250	1.250	2.000	4100	12400

INA Double Row Yoke Type Track Rollers

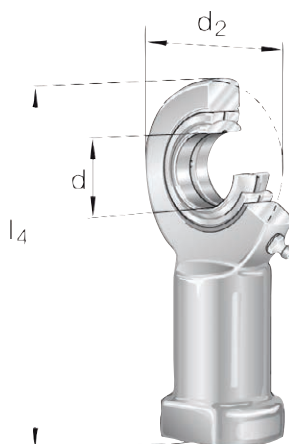


- Double lip seals and grease-packed with grease to DIN 51 825 K3K-30
- Outside diameter range 32mm to 85mm
- With crowned outer ring radius 500mm
- Can be supplied with Corroctect® protection, or corrosion resistant steel

Product Code	Internal Diameter	External Diameter	Width
LR5200-2RS	10	32	14
LR5201-2RS	12	35	15.9
LR5202-2RS	15	40	15.9
LR5203-2RS	17	47	17.5
LR5204-2RS	20	52	20.6
LR5205-2RS	25	62	20.6
LR5206-2RS	30	72	23.8
LR5207-2RS	35	80	27
LR5208-2RS	40	85	30.2

Rod End Bearings

INA GIR Rod End Bearings



- Produced to ISO 12 240-4 dimension series E
- Steel / steel sliding contact surface
- Suffix -2RS, double sealing lip, operating temperature -30 to +130°C
- Can support radial loads in a tensile or compressive directions
- Can transmit motion and loads with low moment levels
- Rod end is protected from corrosion by a zinc plating
- Size d>20mm are fitted with grease nipple according to DIN 71 412

Product Code	Internal Diameter	Overall Length
GIR6-DO	6	40.5
GIR8-DO	8	48
GIR10-DO	10	57.5
GIR12-DO	12	67
GIR15-DO	15	81
GIR17-DO	17	90
GIR20-DO	20	103.5
GIR25-DO	25	126
GIR30-DO	30	146.5
GIR35-DO-2RS	35	166
GIR40-DO-2RS	40	188
GIR45-DO-2RS	45	196
GIR50-DO-2RS	50	216
GIR60-DO-2RS	60	242.5
GIR70-DO-2RS	70	280
GIR80-DO-2RS	80	320

INA GIKS Rod End Bearings



NEW

- Produced to ISO 12 240-4, dimension series K, type F, size 6mm to 30mm
- Corrosion-resistant steel / PTFE-bronze film sliding contact surface
- Can support radial loads in a tensile or compressive direction
- Can transmit motion and loads with low moment levels
- Left hand versions, series GIKSL..PS (female)
- Other versions include: Male rod end, series GAKSR..PS & GAKSL..PS (male)

Product Code	Internal Diameter	Overall Length
GIKSR5-PS	5	36.5
GIKSR6-PS	6	40.5
GIKSR8-PS	8	48.5
GIKSR10-PS	10	57.5
GIKSR12-PS	12	66.5
GIKSR14-PS	14	75.5
GIKSR16-PS	16	85.5
GIKSR18-PS	18	94.5
GIKSR20-PS	20	102.5
GIKSR22-PS	22	111.5
GIKSR25-PS	25	124.5
GIKSR30-PS	30	145.5

RBC Heim Imperial Rod Ends

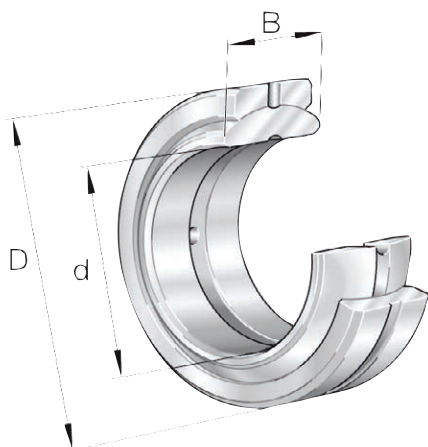


- Carbon steel construction with protective coating for corrosion resistance
- Precision grade brass inserts
- Low friction long dynamic life
- Design offers reduced internal clearance providing smoother operation
- manufactured to tight tolerances for applications requiring a more precise rod end

Product Code	Bore - Inch	Ball Width - Inch	Head Diameter - Inch	Thread Length - Inch	Thread Size (UNF-3A)	Max Static Radial Load (lbf)
HM3	.1900	.312	.625	.750	.1900-32	900
HM4	.2500	.375	.750	1.000	.2500-28	1700
HM5	.3125	.437	.875	1.250	.3125-24	2500
HM6	.3750	.500	1.000	1.250	.3750-24	4000
HM7	.4375	.562	1.125	1.375	.4375-20	5000
HM8	.5000	.625	1.312	1.500	.5000-20	7000
HM10	.6250	.750	1.500	1.625	.6250-16	8050
HM12	.7500	.875	1.750	1.750	.7500-16	11300
HM16	1.000	1.375	2.750	2.125	1.2500-12	28400

Spherical Plain Bearings

Spherical Plain Bearings



- Spherical plain bearing according to ISO 12 240-1
- Complete unit comprising of spherical inner ring and fractured outer ring
- Can support radial and axial loads
- Lubricated via holes in inner and outer ring (except $d \leq 17\text{mm}$)
- Also available in C2 or C3 clearance
- GE..DO range 320mm to 1000mm to ISO 12 240-1 dimension series C
- Sealed versions GE .. DO.2RS available from 15mm to 300mm, temperature range -30 to +130°C
- Maintenance free version GE..UK (2RS)

Product Code	Internal Diameter	External Diameter	Width
GE6DO	6	14	6
GE10DO	10	19	9
GE12DO	12	22	10
GE15DO	15	26	12
GE17DO	17	30	14
GE20DO	20	35	16
GE25DO	25	42	20
GE30DO	30	47	22
GE40DO	40	62	28
GE50DO	50	75	35
GE60DO	60	90	44
GE80DO	80	120	55
GE100DO	100	150	70
GE110DO	110	160	70
GE120DO	120	180	85
GE140DO	140	210	90
GE160DO	160	230	105
GE180DO	180	260	105
GE200DO	200	290	130
GE1000DO	1000	1320	438

NSK Molded-Oil™

NSK Molded-Oil™ Inserts



- Offer high performance in water & dust contaminated environments
- Will accommodate radial & some axial loads in both directions
- Bearing inserts made of stainless steel
- NSK's Molded Oil™ material provides ample lubrication to the bearing for extended periods
- Spherical outer bearing ring to allow for initial misalignment on mounting
- Effective sealing with flinger & rubber seals
- Setscrew shaft locking
- Operating temperature range -15 to + 80°C
- Bearing operating continuously for long periods should not exceed 60°C
- Suitable for fitting in RHP Silver-Lube® or Self Lube® housings

Product Code	Internal Diameter	External Diameter
F-UC204/LP99	20	47
F-UC205/LP99	25	52
F-UC206/LP99	30	62
F-UC207/LP99	35	72
F-UC208/LP99	40	80
F-UC209/LP99	45	85
F-UC210/LP99	50	90

- Available as built-up units Life-lube® series

NSK Molded-Oil™ Inserts



- Can support radial & moderate axial loads in both directions
- NSK Molded Oil™ material provides ample lubrication to the bearing for extended periods
- Effective sealing with patented rubber seals
- Ultra clean steel to extend bearing life by up to 80% over conventional steels
- Operating temperature range -15 to +80°C
- Bearing operating continuously for long periods should not exceed 60°C
- No relubrication required

Product Code	Internal Diameter	External Diameter	Width
6000L11-H-20DD	10	26	8
6001L11-H-20DDU	12	28	8
6002L11-H-20DDU	15	32	9
6003L11-H-20DDU	17	35	10
6004L11-H-20DDU	20	42	12
6005L11-H-20DDU	25	47	12
6201L11-H-20DDU	12	32	10
6202L11-H-20DDU	15	35	11
6203L11-H-20DDU	17	40	12
6204L11-H-20DDU	20	47	14
6205L11-H-20DDU	25	52	15

Precision Bearings

NSK Super Precision Angular Contact - Pairs



- Capable of supporting radial & axial loads in both directions when mounted back to back or face to face
- High accuracy for use in machine tool spindles
- High rigidity
- Phenolic resin cages for high speed operation
- 15° contact angle for predominantly radial loads
- 25° contact angle also available
- Extra light and light series
- High rotational speed
- Ceramic ball option for higher speed operation

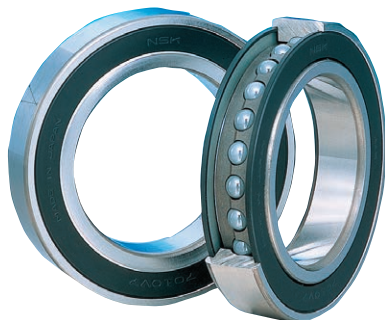
Light Series

Product Code	Internal Diameter	External Diameter	Width
7204CT	20	47	28
7205CT	25	52	30
7206CT	30	62	32
7207CT	35	72	34
7208CT	40	80	36
7209CT	45	85	38
7210CT	50	90	40
7211CT	55	100	42
7212CT	60	110	44

Extra Light Series

Product Code	Internal Diameter	External Diameter	Width
7004CT	20	42	24
7005CT	25	47	24
7006CT	30	55	26
7007CT	35	62	28
7008CT	40	68	30
7009CT	45	75	32
7010CT	50	80	32
7011CT	55	90	36
7012CT	60	95	36

NSK Sealed Super Precision Angular Contact - Single



MOTION & CONTROL
NSK

- Grease in optimum quantity & position - time saving for end user
- Clean handling - eliminates downtime
- No grease migration in application - improved performance
- Reduced external contamination in application - higher accuracy
- Longer grease life - 1.5 times the life of an open greased bearing
- Available in pairs, triple or quad sets on request
- Available in 15° contact angle as examples shown for predominantly radial loads and 25° contact angle (replace C with A5) for predominantly axial loads
- A range of preloads are available: Extra light, light, medium and heavy

7000 Light Range

Product Code	Internal Diameter	External Diameter	Width
7006CTRV1VSULP3	30	55	13
7007CTRV1VSULP3	35	62	14
7008CTRV1VSULP3	40	68	15
7009CTRV1VSULP3	45	75	16
7010CTRV1VSULP3	50	80	16
7011CTRV1VSULP3	55	90	18
7012CTRV1VSULP3	60	95	18
7013CTRV1VSULP3	65	100	18
7014CTRV1VSULP3	70	110	20
7015CTRV1VSULP3	75	115	20
7016CTRV1VSULP3	80	125	22
7017CTRV1VSULP3	85	130	22
7018CTRV1VSULP3	90	140	24
7019CTRV1VSULP3	95	145	24
7020CTRV1VSULP3	100	150	24

7900 Medium Range

Product Code	Internal Diameter	External Diameter	Width
7906CTRV1VSULP3	30	47	9
7907CTRV1VSULP3	35	55	10
7908CTRV1VSULP3	40	62	12
7909CTRV1VSULP3	45	68	12
7910CTRV1VSULP3	50	72	12
7911CTRV1VSULP3	55	80	13
7912CTRV1VSULP3	60	85	13
7913CTRV1VSULP3	65	90	13
7914CTRV1VSULP3	70	100	16
7915CTRV1VSULP3	75	105	16
7916CTRV1VSULP3	80	110	16
7917CTRV1VSULP3	85	120	18
7918CTRV1VSULP3	90	125	18
7919CTRV1VSULP3	95	130	18
7920CTRV1VSULP3	100	140	20

Fafnir Super Precision Bearings



TIMKEN Fafnir

- Designed for maximum axial rigidity
- Low drag torque
- Extreme control of lateral eccentricity

Product Code	Internal Diameter	External Diameter	Width
MM20BS47	20	47	15
MM25BS62	20	62	15
MM30BS62	30	62	15
MM30BS72	30	72	15
MM35BS72	35	72	15
MM35BS100	35	100	20

Fafnir Super Precision Bearings



TIMKEN Fafnir

- Light series
- Single duplex triplex and quad sets available
- 15° and 25° contact angles
- Other options include sealed ceramic and high speed

Light series

Product Code	Internal Diameter	External Diameter	Width
2(3)MM200WI	10	30	9
2(3)MM201WI	12	32	10
2(3)MM202WI	15	35	11
2(3)MM203WI	17	40	12
2(3)MM204WI	20	47	14
2(3)MM205WI	25	52	15
2(3)MM206WI	30	62	16
2(3)MM207WI	35	72	17
2(3)MM208WI	40	80	18
2(3)MM209WI	45	85	19
2(3)MM210WI	50	90	20
2(3)MM211WI	55	100	21
2(3)MM212WI	60	110	22
2(3)MM213WI	65	120	23
2(3)MM214WI	70	125	24
2(3)MM215WI	75	130	25
2(3)MM216WI	80	140	26
2(3)MM217WI	85	150	28
2(3)MM218WI	90	160	30
2(3)MM219WI	95	170	32
2(3)MM220WI	100	180	34

Extra Light Series

Product Code	Internal Diameter	External Diameter	Width
2(3)MM9100WI	10	26	8
2(3)MM9101WI	12	28	8
2(3)MM9102WI	15	32	9
2(3)MM9103WI	17	35	10
2(3)MM9104WI	20	42	12
2(3)MM9105WI	25	47	12
2(3)MM9106WI	30	55	13
2(3)MM9107WI	35	62	14
2(3)MM9108WI	40	68	15
2(3)MM9109WI	45	75	16
2(3)MM9110WI	50	80	16
2(3)MM9111WI	55	90	18
2(3)MM9112WI	60	95	18
2(3)MM9113WI	65	100	18
2(3)MM9114WI	70	110	20
2(3)MM9115WI	75	115	20
2(3)MM9116WI	80	125	22
2(3)MM9117WI	85	130	22
2(3)MM9118WI	90	140	24
2(3)MM9119WI	95	145	24
2(3)MM9120WI	100	150	24
2(3)MM9121WI	105	160	26
2(3)MM9122WI	110	170	28

Ultra Light Series

Product Code	Internal Diameter	External Diameter	Width
2(3)MM9305WI	25	42	9
2(3)MM9306WI	30	47	9
2(3)MM9307WI	35	55	10
2(3)MM9308WI	40	62	12
2(3)MM9309WI	45	68	12
2(3)MM9310WI	50	72	12
2(3)MM9311WI	55	80	13
2(3)MM9312WI	60	85	13
2(3)MM9313WI	65	90	13
2(3)MM9314WI	70	100	16
2(3)MM9315WI	75	105	16
2(3)MM9316WI	80	110	16
2(3)MM9317WI	85	120	18

Product Code	Internal Diameter	External Diameter	Width
2(3)MM9318WI	90	125	18
2(3)MM9319WI	95	130	18
2(3)MM9320WI	100	140	20
2(3)MM9322WI	110	150	20

Fafnir Ballscrew Support Bearing BSPB



TIMKEN **Fafnir**

- Ballscrew support bearing
- Pillow block unit

Product Code	Internal Diameter	External Diameter	Width
BSPB20D32	20.00	62.00	47.00
BSPB25D42	25.00	85.00	52.00
BSPB30D42	30.00	85.00	52.00
BSPB35D50	35.00	95.00	52.00
BSPB35D65	35.00	130.00	66.00

Fafnir Ballscrew Support Bearing BSBU

- Ballscrew support bearing
- Cartridge units

Product Code	Internal Diameter	External Diameter	Width
BSBU20D60	20.00	60.00	47.00
BSBU25D80	25.00	80.00	52.00
BSBU30D80	30.00	80.00	52.00
BSBU35D90	35.00	90.00	52.00
BSBU35D124	35.00	124.00	66.00

RBC Thin Section Bearings



RBC
BEARINGS

- Designed to solve a variety of design problems that cannot be solved with conventional ball bearings
- For use in applications where space limitations, combined loading, and weight restrictions pose unique design requirements
- Lightweight design
- Multi-load capabilities
- High stiffness
- Variety of cross sections and sizes
- Radial, angular contact and four point contact designs available

Product Code	Internal Diameter - Inch	External Diameter - Inch	Width - Inch	Static Radial Load Rating - N	Static Thrust Load Rating - N	Limiting Speed (rpm)
KAA10CLOIBC	1.000	1.375	0.1875	1290	2140	16840
KA020CPORBC	2.000	2.500	0.2500	3020	4800	8890
KA025CPORBC	2.500	3.125	0.3125	5070	7780	7110
KA030CPORBC	3.000	3.500	0.2500	4400	6810	6150
KA040CPORBC	4.000	4.500	0.2500	5740	8810	4710
KA042CPORBC	4.250	4.750	0.2500	6090	9300	4440

Product Code	Internal Diameter - Inch	External Diameter - Inch	Width - Inch	Static Radial Load Rating - N	Static Thrust Load Rating - N	Limiting Speed (rpm)
KA045CPORBC	4.500	5.000	0.2500	6410	9790	4210
KA047CPORBC	4.750	5.250	0.2500	6760	10280	4000
KA050CPORBC	5.000	5.500	0.2500	7070	10760	3810
KA055CPORBC	5.500	6.000	0.2500	7780	11790	3480

Plain Bearings

Plain DU & Flanged DU Bushes



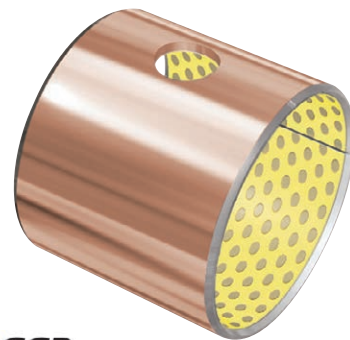
GGB
BEARING TECHNOLOGY
an GGB Industries company

- Wide range of standard parts available from stock
- Available as standard in alternative lengths
- Dry bearing material with good wear and friction performance
- DU also performs well with lubrication
- BB indicates Flanged Version

Product Code	Internal Diameter	External Diameter	Flange Diameter	Length
0606DU	6	8	N/A	6
1012DU	10	12	N/A	12
1415DU	14	16	N/A	15
2020DU	20	23	N/A	20
3030DU	30	34	N/A	30
BB0604DU	6	8	12	4
BB12B12DU	12	14	20	12
BB2012DU	20	23	30	11.5
BB2512DU	25	28	35	11.5
BB4526DU	45	50	58	26

**Can't see it here,
just call
0870 240 2100**

Plain DX Bearings



GGB
BEARING TECHNOLOGY
an GGB Industries company

- Marginally lubricated bearing material
- Wide range of standard parts available from stock
- Suitable for linear, oscillating and rotating movements
- Optimum performance under relatively high loads and low speeds

Product Code	Internal Diameter	External Diameter	Length
PM0808DX	8	10	8
PM1012DX	10	12	12
PM1215DX	12	14	15
PM1420DX	14	16	20
PM1525DX	15	17	25
PM1825DX	18	20	25
PM2030DX	20	23	30
PM2230DX	22	25	30
PM2430DX	24	27	30
PM2530DX	25	28	30
PM3040DX	30	34	40

DP4 Bushes and Flanged Bushes



GGB
BEARING TECHNOLOGY
an GGB Industries company

- Environmentally Friendly Lead-free material
- Wide range of standard parts available from stock
- Compliant to European Union's End of Life Vehicles directive 2000/53/EC
- Compliant to European Union's to RoHS Regulation 2002/95/EC
- Very good performance in oil lubricated heavy duty hydraulic applications
- Good wear resistance and low friction performance over a wide range of conditions
- BB indicates Flanged Version

Product Code	Internal Diameter	External Diameter	Flange Diameter	Width
0508DP4	5	7	N/A	8
0812DP4	8	10	N/A	12
1625DP4	16	18	N/A	25
2030DP4	20	23	N/A	30
4030DP4	40	44	N/A	30
BB0806DP4	8	10	15	5.5
BB1212DP4	12	14	20	12
BB1512DP4	15	17	23	12
BB2012DP4	20	23	30	11.5
BB3026DP4	30	34	42	26

GAR-MAX Bushes



- Allows Grease Free operation in many applications
- Wide range of standard parts available from stock
- High load capacity
- Very good friction and wear properties
- Excellent contamination resistance
- Excellent misalignment resistance

Product Code	Internal Diameter - Inch	External Diameter - Inch	Length
162020GM	16	20	20
222620GM	22	26	20
303620GM	30	36	20
354135GM	35	41	35
404840GM	40	48	40
505840GM	50	58	40
607040GM	60	70	40
657550GM	65	75	50
708070GM	70	80	70
809070GM	80	90	70
9010570GM	90	105	70
110125120GM	110	125	120

Nice Ball Bearings

1600 Radial Ball Series



- Recommended for medium loads and for maximum speeds in the range of 5000 rpm
- Precision ground on all surfaces with exceptional care given to the ball grooves
- Careful heat treatment provides a uniform and exact degree of hardness for maximum life
- The 1600 Series™ radial bearings are available open, single or doubled shielded, or single or double sealed
- Available in both metric and Imperial sizes
- A choice of nylon, steel and stainless steel retainers is available
- Special platings and finishes such as zinc, black oxide and thin dense chrome upon request
- Double sealed and double shielded bearings are supplied grease packed as standard

Product Code	Internal Diameter - Inch	External Diameter - Inch	Width - Inch	Static Load Rating - N	Dynamic Load rating - N
1602DC	0.2500	0.6875	0.2500	757	2274
1604DC	0.3750	0.8750	0.2813	1135	2866
1605DC	0.3125	0.9063	0.3125	1335	3106
1607DC	0.3125	0.9063	0.3125	1335	3106
1614DC	0.3750	1.1250	0.3750	2114	5340

Product Code	Internal Diameter - Inch	External Diameter - Inch	Width - Inch	Static Load Rating - N	Dynamic Load rating - N
1623DC	0.6250	1.3750	0.4375	3783	8357
1628DC	0.6250	1.6250	0.5000	4495	11548
1630DC	0.7500	1.6250	0.5000	4495	11548
1635DC	0.7500	1.7500	0.5000	4561	11539
1640DC	0.8750	2.000	0.5625	6008	13203