

IIoT Smart PT Select Mounted Spherical Roller Bearings





IloT Smart PT Select Mounted Spherical Roller Bearings

Engineered for a Trusted, Competitive Solution

With Rexnord® Industrial Internet of Things (IloT) Smart PT Select Mounted Spherical Roller Bearings, we offer technology tools that make it easier than ever for you to select and order bearings. Building on 100 years of expertise, every IloT Smart PT Select Mounted Spherical Roller Bearing has been designed and tested to provide trusted product reliability and performance. Backed by a team of experienced engineers, you'll benefit from our off-the-shelf solutions for your quick turnaround needs, and new online resources through Rexnord IloT Smart Products to make your experience with us even smoother.

Key industries

- Aggregate
- Air & Fluid Handling
- Cement
- Material Handling
- Package Handling

Key applications

- Conveyors
- Fans and Blowers

Let Our Bearing Offering Make Your Job Easier

Proven Bearing Quality

We understand the high quality of your bearing designs is critical to uptime, so it's critical to us. That's why we test every bearing that leaves our facility before it ships to you.

- Product qualification process through custom-built, state-of-the-art testing confirms the bearing's quality and reliability
- Spin testing under load ensures against defects to the rollers or raceway, eliminating the potential for bearing "chatter" after installation
- All printed performance values validated through laboratory testing at the Rexnord Innovation Center, an independent, accredited laboratory
- **Backed by our standard Rexnord warranty**



Spin testing under load ensures against defects to each bearing's rollers or raceway.

New online tools that lighten your load

Let Rexnord IIoT Smart Products — the suite of digital technology that's built into and around this bearing offering — make your job easier.

- Efficient e-commerce experience with real-time inventory availability, online order tracking, and more
- Online hassle-free bearing selection and ordering
- Exclusive QR code on your bearings for instant access to critical support documents
- Free Rexnord Bearing Mobile Pro™ app for competitive interchange guides, videos, and more
- Free Augment app available for download to experience our bearings in 3D

Off-the-shelf solutions for your quick turnaround needs

We designed a bearing specifically for when you need your bearing fast.

- Designed utilizing the latest techniques, and our decades of application knowledge to strike the perfect balance of durability and value for a wide range of off-the-shelf configurations to choose from
- The bearing you need is always in stock, providing fast order turnarounds
- Intuitive and user-friendly nomenclature

Engineered bearing seals for increased product life

Designed for efficiency, the bearing delivers the seal performance your environment requires.

- Standard triple lip and clearance seal provide maximum ingress protection against contaminants which are a leading cause of bearing failure
- Clearance seal reduces operating temperatures at higher speeds
- Features nitrile material with protective metal shield



Three points of contact (shown above) provide superior ingress protection against contaminants.



Five Ways to Ex... ... and Simpl

1 Hassle-free bearing selection at www.rexnord.com/PTSelect

To make bearing selection easier for you, we'll be putting a bearing selector tool online to access any time of the day from your desktop or mobile device.

- **Online interchange guide** — quickly replace a competitive brand to a suitable IIoT Smart PT Select Mounted Spherical Roller Bearing
- **Bearing selector** — this tool helps you choose the right solution by entering specific product requirements to find a bearing ideal for your application; then easily download all critical product specifications at the push of a button
- **Fast downloadable 2D and 3D product drawings** — easily integrate these drawings with your engineering software

2 Efficient e-commerce experience

Forrester® Research estimates that B2B e-commerce will top \$1.1 trillion and account for 12 percent of all B2B sales in the U.S. by 2020¹. Today's customers demand the same online shopping experience they enjoy in their personal lives. By leveraging our new e-commerce capabilities on www.rexnord.com/PTSelect — in addition to our team of Application Engineers and Account Executives — customers will be able to efficiently order bearings.

- **24/7 online purchasing for authorized customers** — log in to www.rexnord.com/PTSelect 24/7 to select your bearing and place your order
- **Real-time inventory availability** — easily review price and availability, and place orders with same-day shipping on most items
- **Online order tracking** — track shipments and review purchase history 24/7

¹<http://www.practicalecommerce.com> Accessed on May 20, 2016.

Rexnord IIoT Smart Products

Technology is changing the face of the power transmission industry and allowing companies to create a competitive advantage by providing in-depth information faster than before. We understand this need. That's why our commitment to making our customers' jobs easier now extends past our standard product features and benefits, to a full suite of productivity-enhancing digital tools that are available through Rexnord IIoT Smart Products, the digital technology that's built into and around this bearing offering.



Experience Your Bearings Digitally Simplify Your Processes

3

Exclusive QR code on your bearings

Nearly two-thirds of bearing failures occur due to improper installation or maintenance. Now you can access support material in real time by scanning a product-specific QR code on your bearing with your mobile phone — simply download a QR code scanner

app onto your mobile phone. By putting critical information at your fingertips, we help mitigate these installation and maintenance risks for your operation.

By scanning the QR code, customers have instant access to critical support documents on their mobile phone:

- Installation and maintenance videos
- Service instructions



For an example of what information you'll find through bearing-specific QR code, scan the QR code to the right.



The QR code on your bearing provides the gateway for you to a full suite of digital resources!

4

Free Rexnord Bearing Mobile Pro app

90 percent of the online time consumers spend on their phone is spent within an app². By investing in a similar experience for you, Rexnord has added value by enabling you to more easily navigate and find content utilizing functionality you are already familiar

with. Both your employees and customers save time and effort when they download the free Rexnord Bearing Mobile Pro app from the App Store or Google Play on your phone or tablet.

On the app you'll find:

- Manual part search and integrated QR code scanner
- Competitive interchange guide
- Product support videos
- Industry literature

²<http://www.smartinsights.com> Accessed on May 20, 2016.

5

EXPERIENCE THE QUALITY of Our Bearings — IN 3D!

Download and launch the free Augment app from the App Store or Google Play on your phone or tablet.



Scan this bearing

to try out the Augment app and engage in 3D viewing.



Interact with the 3D bearing model.

Features & Benefits



Additional features & benefits

- State-of-the-art housing design allows increased strength while optimizing material
- Industry-standard dimensions for interchangeability with leading brands
- Standard, off-the-shelf sizes for quick turnarounds needs
- Field installable/removable safety caps that are compatible with standard housings
- Rugged metal retainer for increased strength and durability
- Shaft ready and pre-lubricated with our standard grease for normal operation

Bearing Housing Style Options*



2-bolt Pillow Block

- Bore range: 1-7/16 – 3-15/16 in
- Optional clearance seal
- Expansion unit available



4-bolt Pillow Block

- Bore range: 1-15/16 – 4-7/16 in
- Optional labyrinth seal
- Expansion unit available



2-bolt Pillow Block — Type E

- Bore range: 1-7/16 – 3-7/16 in
- Optional labyrinth seal
- Expansion unit available



Flange Block

- Bore range: 1-7/16 – 3-15/16 in
- Optional labyrinth seal
- Expansion unit available



Flange Block — Type E

- Bore range: 1-7/16 – 3-15/16 in
- Optional labyrinth seal
- Expansion unit available



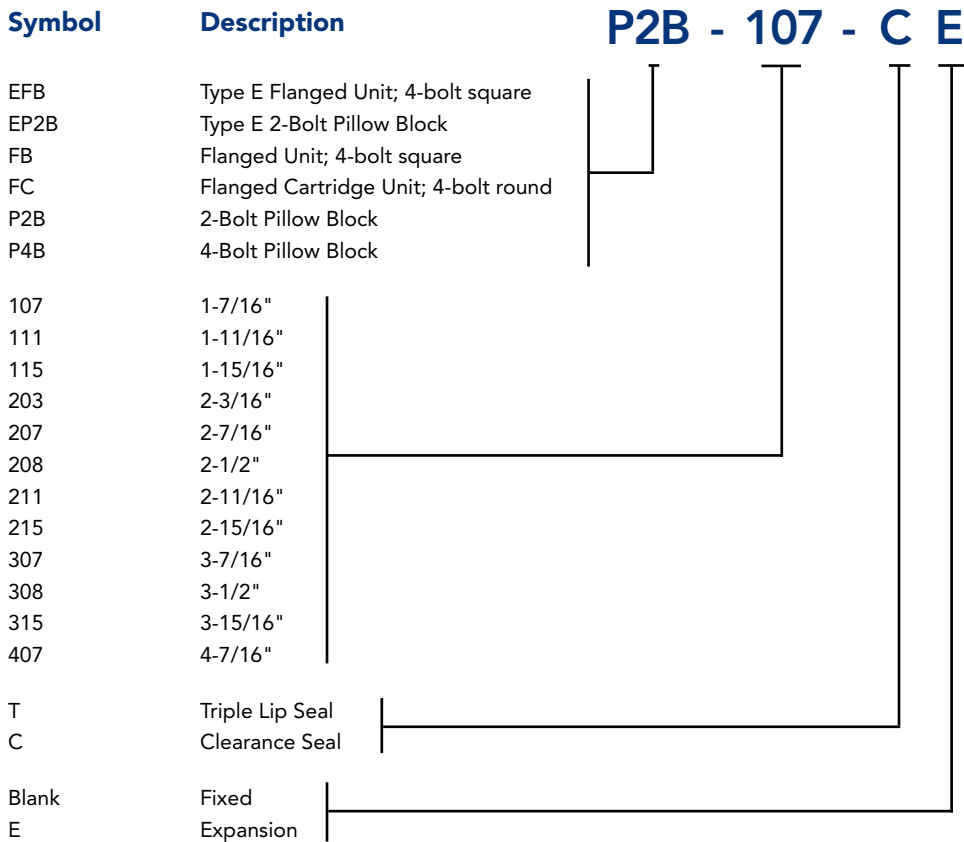
Piloted Flange

- Bore range: 1-7/16 – 4-7/16 in
- Optional labyrinth seal
- Expansion unit available

*IloT Smart PT Select Mounted Spherical Roller Bearings are offered in imperial sizes only.

Nomenclature

Our bearings are consistent with industry standards and provide intuitive nomenclature, making your bearing selection and ordering process easier.



Snap-in safety caps

- Each housing comes pre-machined to accept a safety cap
- Protection from rotating equipment
- Additional protection from contaminants
- Single lip seal on the open cap

The complete Rexnord Roller Bearing offering

Rexnord customers have depended on our premium, quality roller bearing design, performance and technical support for decades. Unsure of which Rexnord Bearing offering is right for your application?

- **IIoT Smart PT Select Mounted Spherical Roller Bearings** for on-demand reliability to make your job easier
- **Link-Belt® Roller Bearings** as your trusted workhorse for demanding applications
- **Rex® Roller Bearings** for custom-engineered solutions for specialized equipment

Cap Kit Part Numbers

Size Code	Shaft Size	Open Cap	Closed Cap
4	1-7/16"	B1076D	B1086
5	1-11/16"	B1116D	B1126
6	1-15/16"	B1156D	B2006
7	2-3/16"	B2036D	B2046
8	2-7/16"	B2076D	B2086
8	2-1/2"	B2086D	B2086
9	2-11/16"	B2116D	B3006
9	2-15/16"	B2156D	B3006
10	3-7/16"	B3076D	B3086
10	3-1/2"	B3086D	B3086
11	3-15/16"	B3156D	B4006
12	4-7/16"	B4076D	B4086

To learn more, North American customers: please call 317-273-5781 to speak with our Rexnord Bearing Technical Support team.

All other inquiries: 866-REXNORD/866-739-6673 (toll-free within the U.S.) or 414-643-2366 (Outside the U.S.)

www.rexnord.com/PTSelect



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Why Choose Rexnord?

When it comes to providing highly engineered products that improve productivity and efficiency for industrial applications worldwide, Rexnord is the most reliable in the industry. Commitment to customer satisfaction and superior value extend across every business function.

Delivering Lowest Total Cost of Ownership

The highest quality products are designed to help prevent equipment downtime and increase productivity and dependable operation.

Valuable Expertise

An extensive product offering is accompanied by global sales specialists, customer service and maintenance support teams, available anytime.

Solutions to Enhance Ease of Doing Business

Commitment to operational excellence ensures the right products at the right place at the right time.

REXNORD

Rexnord Company Overview

Rexnord is a growth-oriented, multi-platform industrial company with leading market shares and highly trusted brands that serve a diverse array of global end markets.

Process & Motion Control

The Rexnord Process & Motion Control platform designs, manufactures, markets and services specified, highly engineered mechanical components used within complex systems where our customers' reliability requirements and the cost of failure or downtime are extremely high.

Water Management

The Rexnord Water Management platform designs, procures, manufactures and markets products that provide and enhance water quality, safety, flow control and conservation.