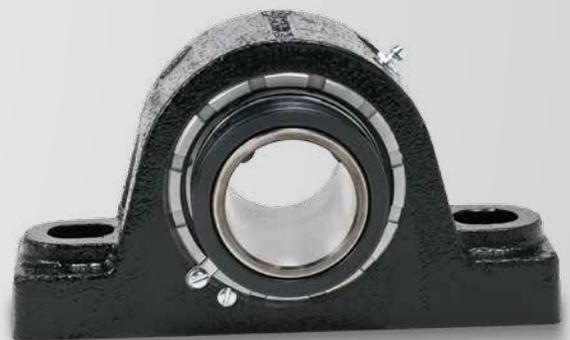


Link-Belt B22400 Series Roller Bearing





We don't simply understand bearings.
We understand your business.



Link-Belt B22400 Series Roller Bearing

When equipment goes down you lose money — plain and simple. The Link-Belt® B22400 Series Roller Bearing was designed to maximize uptime and minimize changeover time so you can keep your equipment — and your profits — going strong.

B22400 Series Collar Mounted Spherical Roller Bearing Units provide economic and versatile arrangements for supporting shafts carrying substantial radial or combination radial and thrust loads. These units are especially adaptable for conveyors, elevators, general industrial machinery, heavier duty fans and blowers, power transmission applications, ditchers, trenchers, pavers and other such applications. B22400 Series units are easy to mount, sealed, shaft ready, pre-lubricated and do not require bearing adjustment during mounting.



Proven Performer

Spherical roller bearings

The unique design of the Link-Belt B22400 Series Roller Bearing incorporates a two-piece outer race that allows for greater load capacity capabilities and industry-leading misalignment capabilities. Self-aligning double row spherical roller bearings are designed to distribute the load over the symmetrical rollers, assuring positive tracking and smooth operation. The large roller complement provides high capacity for radial or combined radial-thrust loads. These precision bearings with double contoured retainer pockets are designed to meet a broad range of application requirements.

Spring locking collar

The spring locking collar design provides a secure grip of the wide inner ring bearing to the shaft. The two set screws extend through the inner ring of the bearing and lock firmly onto the shaft. Installation is fast and simple. Correctly tightening the two set screws produces elastic strain in the spring locking collar, resulting in continuous pressure on the set screw threads and providing a positive lock.

Seals

Three standard sealing systems are available... each offering maximum protection for the bearing. Type H floating labyrinth seals have multiple self-centering rings held securely in a steel carrier. Type E spring-loaded lip seals utilize a spring to provide uniform pressure for keeping the sealing lip in contact with the inner ring. Type E7 triple-lip seals are for heavy contact and offer greatest protection for the harshest environments.

Secured by a snap ring, seals are interchangeable and designed for grease lubrication which is purgeable and will not blow-out during relubrication cycle.

One-piece powder coated cast iron housing

Compact one-piece housing provides strength and local support. The contoured housing design provides superior rigidity. Powder coated cast iron pillow blocks have two or four slotted bolt holes with ample space provided for drilling dowel pin holes. Flanged cartridge blocks have standard jack screw holes for easy installation and removal; flange units have drilled mounting holes and machined mounting surfaces for maximum stability. Cartridge units have cast iron housings and are finished to precision tolerances. Take-up units have machined slots for smooth, precise operation. Pillow blocks, flanged, and cartridge units are available for fixed and expansion operation.



Housing Options:

- 2- and 4-bolt pillow blocks
- Flange blocks
- Flanged cartridge blocks
- Cartridge blocks
- Take-ups
- Fixed
- Float (3/8 inch)

Shaft Size:

1–4 inches

Shaft Tolerance Recommendations:

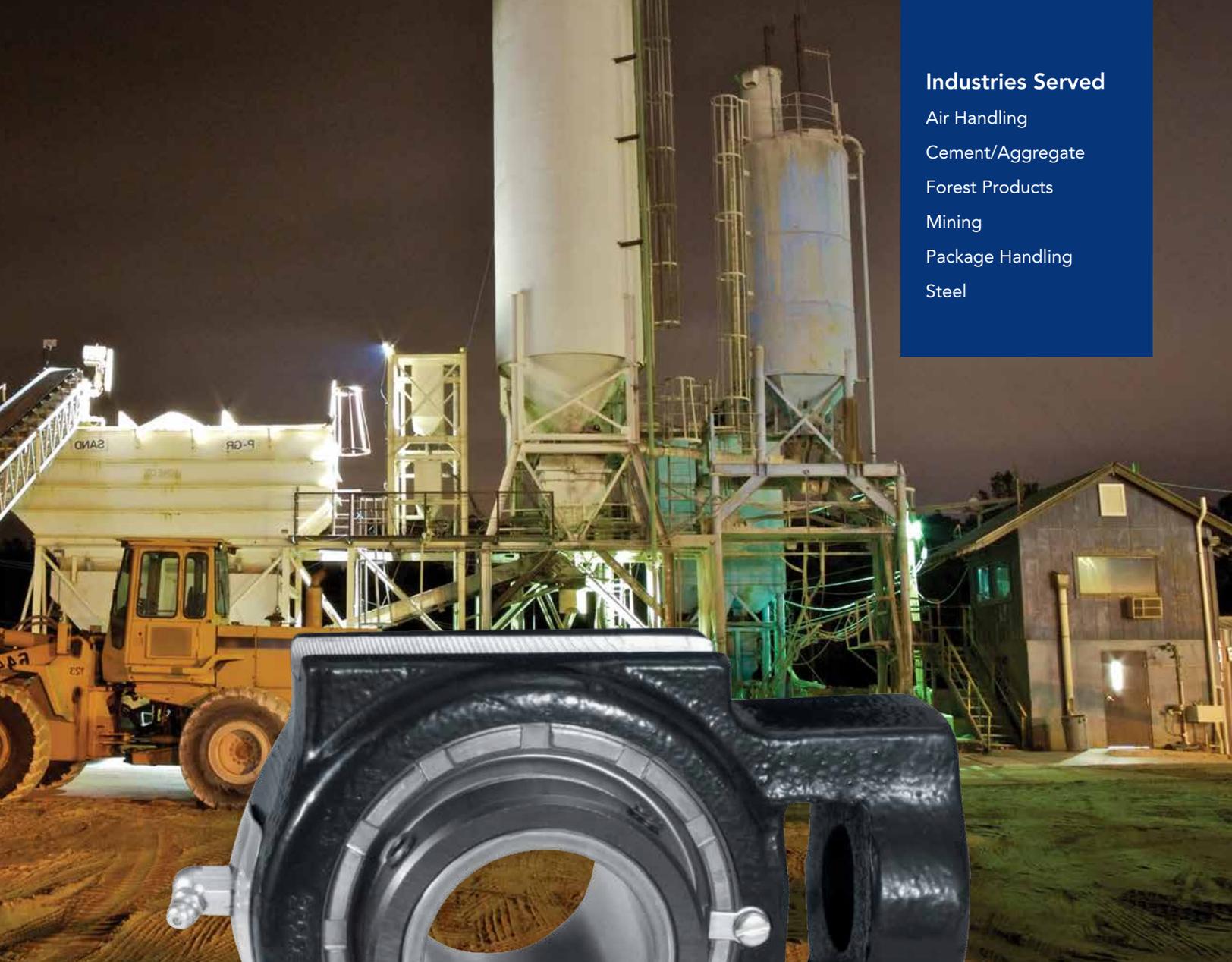
1–2 inches nominal to -0.0005 inch tolerance
2 1/16–4 inches nominal to -0.001 inch tolerance

Mounting Type:

Single-set collar

Industries Served

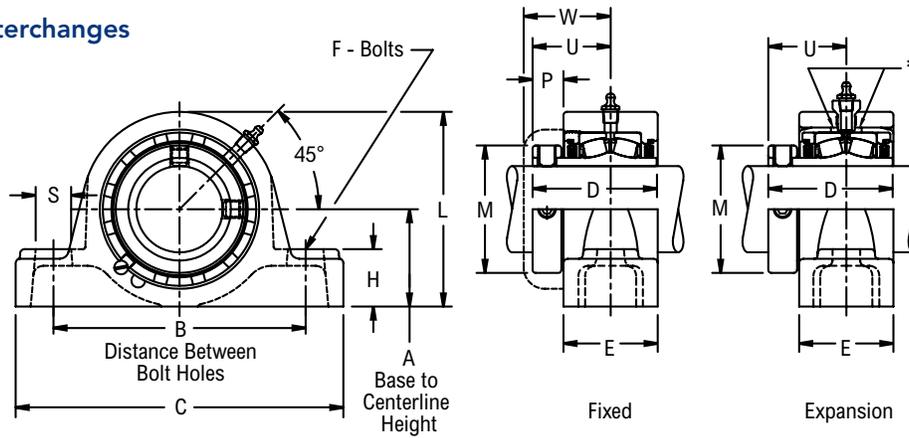
Air Handling
Cement/Aggregate
Forest Products
Mining
Package Handling
Steel



Features and Benefits:

- Spring locking collar locks inner ring securely to shaft
- Choice of three seals, floating labyrinth Type H and Spring-loaded Type E and triple lip Type E7
- Heavy-contact seal available for harsh environments
- Long inner ring for high stability and load support
- Self-aligning double row spherical roller bearing adjusts +/-2° to allow for alignment variations between shaft and supporting structure
- Double contoured retainer pockets assure accurate roller guidance and positive roller control
- Sturdy, compact one-piece cast iron housing unit
- Slotted bolt holes in pillow block bases facilitate mounting; bottom of base machined

B22400 Series Interchanges



Shaft Size (inches)	# of Bolts	Link-Belt B22400 SERIES		Dodge S-2000		SKF SYR SERIES	
		Fixed	Expansion	Fixed	Expansion	Fixed	Expansion
1	2	PB22416H	PEB22416H	NONE	NONE	NONE	NONE
1-3/16	2	PB22419H	PEB22419H	P2BS2103R	P2BS2103RE	NONE	NONE
1-1/4	2	PB22420H	PEB22420H	P2BS2104R	P2BS2104RE	NONE	NONE
1-7/16	2	PB22423H	PEB22423H	P2BS2107R	P2BS2107RE	SYR1716H	SYR1716
1-1/2	2	PB22424H	PEB22424H	P2BS2108R	P2BS2108RE	SYR112H	SYR112
1-5/8	2	PB22426H	PEB22426H	P2BS2110R	P2BS2110RE	NONE	NONE
1-11/16	2	PB22427H	PEB22427H	P2BS2111R	P2BS2111RE	SYR11116H	SYR11116
1-3/4	2	PB22428H	PEB22428H	P2BS2112R	P2BS2112RE	SYR134H	SYR134
1-15/16	2	PB22431H	PEB22431H	P2BS2115R	P2BS2115RE	SYR11516H	SYR11516
1-15/16	4	PB22431FH	PEB22431FH	P4BS2115R	P4BS2115RE	NONE	NONE
2	2	PB22432H	PEB22432H	P2BS2200R	P2BS2200RE	SYR2H	SYR2
2	4	PB22432FH	PEB22432FH	P4BS2200R	P4BS2200RE	NONE	NONE
2-3/16	2	PB22435H	PEB22435H	P2BS2203R	P2BS2203RE	SYR2316H	SYR2316
2-3/16	4	PB22435FH	PEB22435FH	P4BS2203R	P4BS2203RE	NONE	NONE
2-1/4	2	PB22436H	PEB22436H	P2BS2204R	P2BS2204RE	SYR214H	SYR214
2-1/4	4	PB22436FH	PEB22436FH	P4BS2204R	P4BS2204RE	NONE	NONE
2-7/16	2	PB22439H	PEB22439H	P2BS2207R	P2BS2207RE	SYR2716H	SYR2716
2-7/16	4	PB22439FH	PEB22439FH	P4BS2207R	P4BS2207RE	NONE	NONE
2-1/2	2	PB22440H	PEB22440H	P2BS2208R	P2BS2208RE	SYR212H	SYR212
2-1/2	4	PB22440FH	PEB22440FH	P4BS2208R	P4BS2208RE	NONE	NONE
2-11/16	2	PB22443H	PEB22443H	P2BS2211R	P2BS2211RE	SYR21116H	SYR21116
2-11/16	4	PB22443FH	PEB22443FH	P4BS2211R	P4BS2211RE	NONE	NONE
2-3/4	2	PB22444H	PEB22444H	P2BS2212R	P2BS2212RE	SYR234H	SYR234
2-3/4	4	PB22444FH	PEB22444FH	P4BS2212R	P4BS2212RE	NONE	NONE
2-15/16	2	PB22447H	PEB22447H	P2BS2215R	P2BS2215RE	SYR21516H	SYR21516
2-15/16	4	PB22447FH	PEB22447FH	P4BS2215R	P4BS2215RE	NONE	NONE
3	2	PB22448H	PEB22448H	P2BS2300R	P2BS2300RE	SYR3H	SYR3
3	4	PB22448FH	PEB22448FH	P4BS2300R	P4BS2300RE	NONE	NONE
3-3/16	2	PB22451H	PEB22451H	P2BS2303R	P2BS2303RE	NONE	NONE
3-3/16	4	PB22451FH	PEB22451FH	P4BS2303R	P4BS2303RE	NONE	NONE
3-7/16	2	PB22455H	PEB22455H	P2BS2307R	P2BS2307RE	SYR3716H	SYR3716
3-7/16	4	PB22455FH	PEB22455FH	P4BS2307R	P4BS2307RE	NONE	NONE
3-1/2	2	PB22456H	PEB22456H	P2BS2308R	P2BS2308RE	SYR312H	SYR312
3-1/2	4	PB22456FH	PEB22456FH	P4BS2308R	P4BS2308RE	NONE	NONE
3-11/16	2	PB22459H	PEB22459H	P2BS2311R	P2BS2311RE	SYR31116H	SYR31116
3-11/16	4	PB22459FH	PEB22459FH	P4BS2311R	P4BS2311RE	NONE	NONE
3-15/16	2	PB22463H	PEB22463H	P2BS2315R	P2BS2315RE	SYR31516H	SYR31516
3-15/16	4	PB22463FH	PEB22463FH	P4BS2315R	P4BS2315RE	NONE	NONE
4	2	PB22464H	PEB22464H	P2BS2400R	P2BS2400RE	SYR4H	SYR4
4	4	PB22464FH	PEB22464FH	P4BS2400R	P4BS2400RE	NONE	NONE



866-REXNORD/866-739-6673 (Within the U.S.)
414-643-2366 (Outside the U.S.)
www.rexnord.com

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.