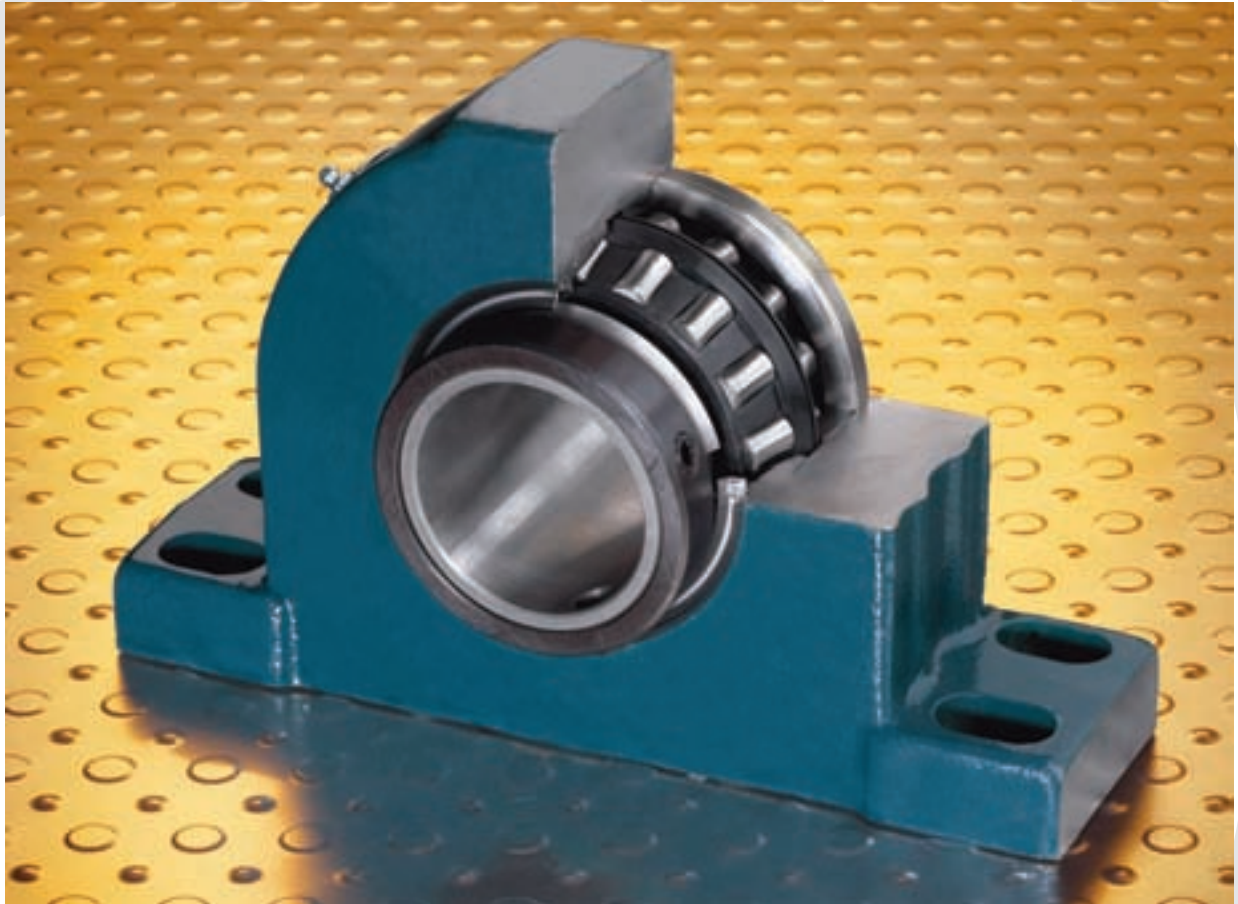


ROLLER BEARINGS | ZAF5000 SERIES



The New Rexnord ZAF5000 Series...The Solid Choice

- **Self-Aligning Spherical Roller Bearing** provides $\pm 1.5^\circ$ of both static and dynamic misalignment.
- **Case Carburized, Double Set Collar Inner Ring** resists fracture under shock and heavy loads.
- **Three Standard Field Interchangeable Seal Choices** Z, K, M
- **Auxiliary Cap Seals Available**
- **Field Adjustable Clearance**
- **Bearing Design Accommodates High Thrust Loads**
- **Super-Finished Raceways** provide a cool running, quiet, high speed and high load capacity bearing
- **Rugged One-Piece Cast Iron Housing**
- **Solid Base** for additional housing strength
- **Precision Milled Ends** for accurate location when replacement is required
- **Powder Coated Housings** for superior corrosion resistance
- **Factory Lubricated, Pre-Adjusted and Shaft Ready**



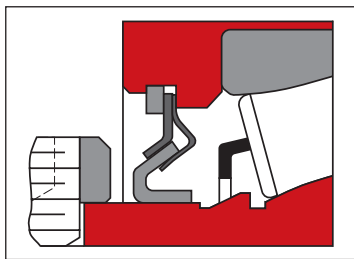
Bearing Down on Your Application Needs

Interchangeable Seals

Rexnord ZAF5000 Series Mounted Roller Bearings have three interchangeable seals to meet a wide range of application requirements.

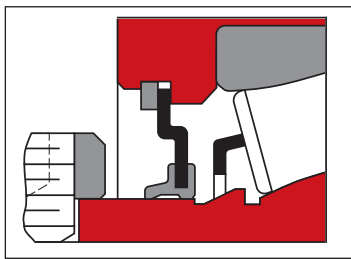
- Field interchangeability without bearing disassembly
- Operate on hardened and ground inner ring extension
- Cannot be forced out during relubrication
- Viton M Seal available for high temperature and chemical resistant applications

The following seal types are designed to fit your application needs.



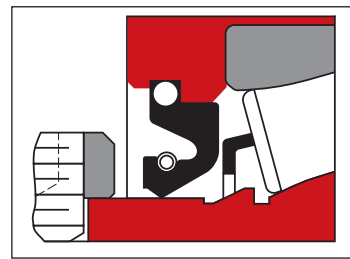
Z Seal

- No frictional drag – generates no heat
- No speed limitations
- All metal – no temperature limitations



K Seal

- Protects against contaminants
- Handles high speeds
- Less drag and heat generation than heavy contact seals



M Seal

- Protects against liquids and grit
- Spring-loaded lip assures constant contact – even during misalignment
- Molded-in garter spring retains seal in housing
- Seals in lubricant on horizontal and vertical shafts
- Available in viton material MA2207V

Auxiliary Caps – For Severe Applications

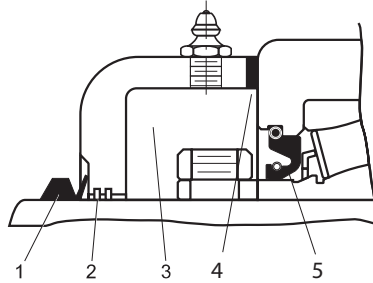
All caps are made from cast iron and are securely bolted to the housing. They allow for dynamic misalignment up to 2° included angle.

- Seals against liquids, gritty contaminants
- Protects primary seal against physical damage
- Available open or closed end
 - A Prefix AZAF5207 = 2 Open Caps
 - B Prefix BZAF5207 = 1 Open (Housing Side) & 1 Closed
 - A Suffix ZAF5207A = 1 Open (Cover Side)
 - B Suffix ZAF5207B = 1 Closed (Cover Side)



The Five Point Protection Plan

The Auxiliary Cap Five Point Protection Plan is designed to protect against contamination. For maximum protection, be sure to specify heavy contact "M" seals and Auxiliary end caps.

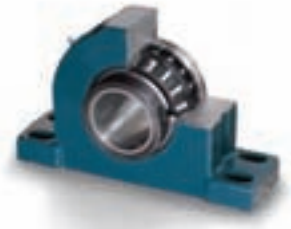
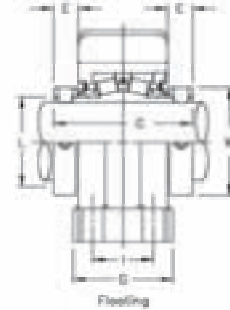
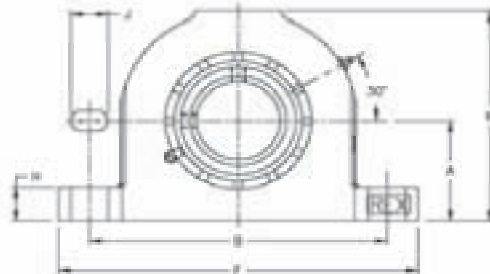
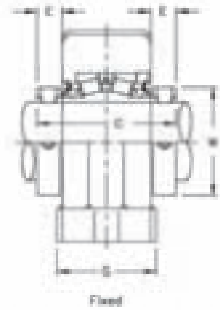


1. Molded rubber V-ring seal is press-fit on shaft and rotates with it, preventing fine dirt and moisture from entering so there is no wear on the shaft.
2. Machined multi-grooved labyrinth seal and rugged cast iron cap provide physical protection to primary bearing seal.
3. Large cavity traps contaminants and moisture. The cavity can be filled with grease to provide continuous purging.
4. A pliable noreprene gasket supplies a positive static seal between the cap and the housing.
5. The heavy contact "M" seal provides the final line of defense. It retains grease and prevents contamination from entering and damaging the bearings.

Rexnord ZAF/ZAFS Pillow Blocks

Heavy Duty 5000 Series

Double Set Collar Fixed and Floating 2 and 4 Bolt



Shaft Size	Complete Block No.		Size Code	Dimensions in Inches												Bolts Req'd		Complete Block Net Wt. Blbs.		
				A	B		C	E		F	G	H	I	J	K	W	No.	Size	Fixed	Float
Inches	Fixed	Floating		+/- .005	Min.	Max.		Fixed	Floating Max	+/- .0075										
2-7/16	ZAF-5207	ZAFS-5207	8	3-1/4	8-5/8	9-5/8	4-3/8	7/8	1-1/16	11.125	3-1/8	1-1/4	-	1-1/4	7	3-9/16	2	5/8	32.5	32.5
2-7/16	ZAF-5207-F	ZAFS-5207-F											1-7/8	1-1/8			4	1/2	31	31.5
2-11/16	ZAF-5211	ZAFS-5211	9	3-1/2	9-7/8	11	4-7/8	7/8	1-1/8	12.594	3-1/2	1	-	1-7/16	7-5/8	4-1/16	2	3/4	45.5	45
2-11/16	ZAF-5211-F	ZAFS-5211-F											1-5/16	1-5/16			4	5/8	44.5	44.5
2-15/16	ZAF-5215	ZAFS-5215	9	3-3/4	9-7/8	11	4-7/8	7/8	1-1/8	12.594	3-1/2	1-1/4	-	1-7/16	7-7/8	4-1/16	2	3/4	45.5	45.5
2-15/16	ZAF-5215-F	ZAFS-5215-F											2-1/8	1-5/16			4	5/8	45	45.5
3-7/16	ZAF-5307	ZAFS-5307	10	4-1/2	11-13/16	13-1/8	5-5/16	15/16	1-3/16	15.375	4-11/32	1-21/32	-	1-21/32	9-3/8	4-15/16	2	7/8	76.5	76.5
3-7/16	ZAF-5307-F	ZAFS-5307-F			11-5/8	13-1/8							2-3/8	1-5/8			4	3/4	75.0	75.5
3-15/16	ZAF-5315-F	ZAFS-5315-F	11	4-15/16	12-19/32	14-1/2	6-1/4	1-1/16	1-5/16	16.500	4-3/4	1-25/32	2-3/4	1-53/64	10-5/16	5-5/8	4	3/4	102	104
4-7/16	ZAF-5407Y-F	ZAFS-5407Y-F	12	6	14-1/2	16	6-1/4	1	1-3/8	18.375	5-1/8	2-1/16	3-1/4	1-3/4	11-7/8	6-3/16	4	7/8	143	144
4-15/16	ZAF-5415-F	ZAFS-5415-F	13	6	15-5/8	17-3/8	7-7/8	1-3/16	1-9/16	19.703	5-7/8	2-1/16	3-3/8	1-15/16	12-9/16	7-1/16	4	1	207	209

4-Bolt block - Use Suffix F
 Bore Size=Nominal Shaft Size +.001 - .000
 Expansion - Size Codes 4-8 is 3/8", Size Codes 9-11 is 1/2", Size Code 12-16 is 3/4"
 Seals - To Specify K or M seal, replace "Z" in model number with "K" or "M"
 Auxiliary Caps available all sizes

World Class Customer Service

For more than 100 years, the dedicated people of Rexnord have delivered excellence in quality and service to our customers around the globe. Rexnord is a trusted name when it comes to providing skillfully engineered products that improve productivity and efficiency for industrial applications worldwide. We are committed to exceeding customer expectations in every area of our business: product design, application engineering, operations, and customer service.

Because of our customer focus, we are able to thoroughly understand the needs of your business and have the resources available to work closely with you to reduce maintenance costs, eliminate redundant inventories and prevent equipment down time.

Rexnord represents the most comprehensive portfolio of power transmission and conveying components in the world with the brands you know and trust.

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