

# REX® 3000 SERIES TWISTLOCK® ECCENTRIC LOCKING COLLAR



### KEY INDUSTRIES

- Forest Products

### HOUSING OPTIONS

- Pillow Blocks
- 4-Bolt Flange Blocks
- Piloted Flange Blocks
- Cartridge Blocks
- Take-up Blocks

### SHAFT SIZES

- 1 7/16" – 3 15/16"
- Mounting Type:
- Eccentric collar

### GENERAL BEARING INFORMATION

- TGIC polyester powder coated housings
- Super finished raceways
- Larger than standard rollers
- Field interchangeable seal options
- Adjustable clearance

The Rex TwistLock Bearing design consists of mating eccentric surfaces on the collar and inner ring. When the collar and inner ring are twisted together, the collar bore and inner ring bore move in offsetting directions. This creates a strong clamping force, assures a tight grip, and improves shaft locking capability.

### FEATURES AND BENEFITS

- Spherical bearing design accommodates continual misalignment
- Collar is larger, thicker, and heavier to provide increased surface area contact with shaft
- Threaded cover and micro lock design allows bearing clearance adjustment, enabling off-the-shelf units to meet special requirements
- Carburized (case hardened) inner ring resists fracturing, even under heavy loads
- Available in all housing styles, and with a choice of Z, K, G, or M seals, or auxiliary caps
- Grips tight, even undersized shafting
- Units are completely pre-assembled, pre-adjusted, greased, sealed and ready to mount

### EASY TO INSTALL

Use a spanner wrench or hammer and punch to install Rex TwistLock Eccentric Lock Bearing. Simply twist the collar in the direction of the shaft rotation until it grips tight, and tighten the two set screws firmly against the shaft. Eccentric bearings are not recommended in applications subject to frequent reversing loads.

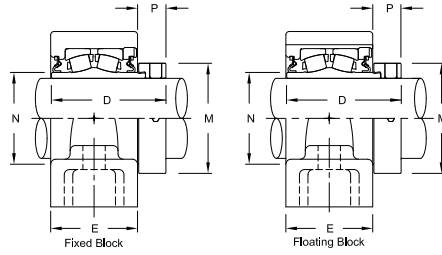
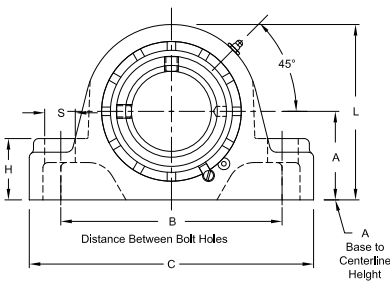
To remove the bearing, loosen set screws and rotate the collar in the opposite direction.

Rex 3000 Series TwistLock Eccentric Locking Collar  
Roller Bearings are also available in these housings:

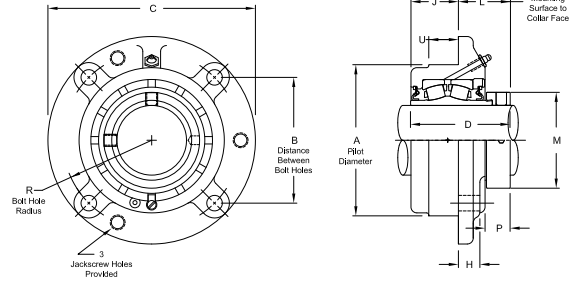


# REX<sup>®</sup> 3000 SERIES TWISTLOCK<sup>®</sup> ECCENTRIC LOCKING COLLAR

## ZA PILLOW BLOCKS



## ZBR FLANGE CARTRIDGE BLOCKS



## ZA3000, ZAS3000

Size Code	Shaft Diameter	Part Number	Expansion					Fixed					A Base to Centerline Height	B	D	F Bolt Hole Spacing	G Bolt Hole Spacing (Width)	L	M	P	Approx. Weight	
			C	E	H	L	S	Part Number	C	E	H	L										S
<b>Two-Bolt Pillow Block</b>																						
4	1 7/16	ZAS3107	6 9/16	2 3/16	1	3 7/8	7/8	ZA3107	6 9/16	2 1/4	1 3/16	3 11/16	13/16	1 7/8	5	2 59/64	1/2	-	1 3/4	2 5/16	25/32	7.20
5	1 11/16	ZAS3111	7 1/8	2 7/16	1 1/8	4 3/8	7/8	ZA3111	7 1/8	2 1/2	1 5/16	4 1/4	13/16	2 1/8	5 1/2	3 3/16	1/2	-	2 1/32	2 5/8	3/4	9.70
6	1 15/16	ZAS3115	8 3/8	2 1/2	1 3/8	4 9/16	15/16	ZA3115	8 1/8	2 1/2	1 3/8	4 9/16	15/16	2 1/4	6 1/4	3 9/32	5/8	-	2 5/16	2 3/4	27/32	11.10
7	2 3/16	ZAS3203	8 7/8	2 9/16	1 5/8	5	15/16	ZA3203	8 5/8	2 9/16	1 5/8	5	15/16	2 1/2	6 3/4	3 1/2	5/8	-	2 5/8	3 1/4	31/32	13.80
	2 7/16	ZAS3207	9 1/4	2 11/16	1 5/8	5 1/2	15/16	ZA3207	9 1/8	2 11/16	1 5/8	5 1/2	15/16	2 3/4	7 1/8	3 21/32	5/8	-	2 29/32	3 9/16	1 1/64	16.50
8	2 1/2	ZAS3208	9 1/4	2 11/16	1 5/8	5 1/2	15/16	ZA3208	9 1/8	2 11/16	1 5/8	5 1/2	15/16	2 3/4	7 1/8	3 21/32	5/8	-	2 29/32	3 9/16	1 1/64	16.50
	2 11/16	ZAS3211	10 7/16	3 3/16	2	6 7/16	1 1/16	ZA3211	10 7/16	3 3/16	2	6 7/16	1 1/16	3 1/4	8 1/8	4 13/64	3/4	-	3 3/8	4 1/16	1 1/64	27.70
9	2 15/16	ZAS3215	10 7/16	3 3/16	2	6 7/16	1 1/16	ZA3215	10 7/16	3 3/16	2	6 7/16	1 1/16	3 1/4	8 1/8	4 13/64	3/4	-	3 3/8	4 1/16	1 1/64	26.40
	3 7/16	ZAS3307	13	3 7/16	2 1/4	7 1/2	1 5/8	ZA3307	13	3 7/16	2 1/4	7 1/2	1 5/8	3 3/4	10	4 37/64	7/8	-	3 31/32	4 15/16	1 9/64	40.90
10	3 1/2	ZAS3308	13	3 7/16	2 1/4	7 1/2	1 5/8	ZA3308	13	3 7/16	2 1/4	7 1/2	1 5/8	3 3/4	10	4 37/64	7/8	-	3 31/32	4 15/16	1 9/64	40.40
11	3 15/16	ZAS3315	14 1/4	4 1/8	2 1/8	8 1/2	1 3/4	ZA3315	14 1/4	4 1/8	2 1/8	8 1/2	1 3/4	4 1/8	10 7/8	5 3/16	1	-	4 9/16	5 5/8	1 1/16	56.00
<b>Four-Bolt Pillow Block</b>																						
6	1 15/16	ZAS3115F	8 3/8	3 3/16	1 3/8	4 9/16	13/16	ZA3115F	8 3/8	3 3/16	1 3/8	4 9/16	13/16	2 1/4	6 1/4	3 9/32	1/2	1 19/32	2 5/16	2 3/4	27/32	13.40
7	2 3/16	ZAS3203F	8 7/8	3 1/4	1 5/8	5	13/16	ZA3203F	8 7/8	3 1/4	1 5/8	5	13/16	2 1/2	6 3/4	3 1/2	1/2	1 11/16	2 5/8	3 1/4	31/32	15.60
8	2 7/16	ZAS3207F	9 1/4	3 3/8	1 3/4	5 1/2	13/16	ZA3207F	9 1/4	3 3/8	1 3/4	5 1/2	13/16	2 3/4	7 1/8	3 21/32	1/2	1 3/4	2 29/32	3 9/16	1 1/64	16.80
	2 1/2	ZAS3208F	9 1/4	3 3/8	1 3/4	5 1/2	13/16	ZA3208F	9 1/4	3 3/8	1 3/4	5 1/2	13/16	2 3/4	7 1/8	3 21/32	1/2	1 3/4	2 29/32	3 9/16	1 1/64	16.80
9	2 11/16	ZAS3211F	10 7/16	3 3/4	2 1/4	6 7/16	15/16	ZA3211F	10 7/16	3 3/4	2 1/4	6 7/16	15/16	3 1/4	8 1/8	4 13/64	5/8	1 7/8	3 3/8	4 1/16	1 1/64	28.40
	2 15/16	ZAS3215F	10 7/16	3 3/4	2 1/4	6 7/16	15/16	ZA3215F	10 7/16	3 3/4	2 1/4	6 7/16	15/16	3 1/4	8 1/8	4 13/64	5/8	1 7/8	3 3/8	4 1/16	1 1/64	27.20
10	3 7/16	ZAS3307F	13	4 1/8	2 1/4	7 1/2	1 1/2	ZA3307F	13	4 1/8	2 1/4	7 1/2	1 1/2	3 3/4	10	4 37/64	3/4	2	3 31/32	4 15/16	1 9/64	41.20
	3 1/2	ZAS3308F	13	4 1/8	2 1/4	7 1/2	1 1/2	ZA3308F	13	4 1/8	2 1/4	7 1/2	1 1/2	3 3/4	10	4 37/64	3/4	2	3 31/32	4 15/16	1 9/64	40.70
11	3 15/16	ZAS3315F	15 1/4	4 1/2	2 5/8	8 5/8	1 1/4	ZA3315F	15 1/4	4 1/2	2 5/8	8 1/2	1 1/4	4 1/4	12 1/2	5 3/16	3/4	2 1/4	4 9/16	5 5/8	1 1/16	61.00

## ZBR3000

Size Code	Shaft Diameter	Part Number	A Pilot Diameter	B Distance Between Bolt Holes	C	D	F	H	J	L	M	P	R	U	Approx. Weight
4	1 7/16	ZBR3107	3.625	3 3/32	5 1/4	2 59/64	3/8	1/2	1 3/8	1 1/2	2 5/16	25/32	2 3/16	3/4	5.60
5	1 11/16	ZBR3111	4.250	3 5/8	6 1/8	3 3/16	7/16	1/2	1 17/32	1 19/32	2 5/8	3/4	2 9/16	7/8	8.60
6	1 15/16	ZBR3115	4.500	3 51/64	6 3/8	3 9/32	7/16	9/16	1 9/16	1 23/32	2 15/16	27/32	2 11/16	7/8	9.00
7	2 3/16	ZBR3203	5.000	4 1/4	7 1/8	3 1/2	1/2	9/16	1 9/16	1 15/16	3 1/4	31/32	3	1	14.10
8	2 7/16	ZBR3207	5.500	4 19/32	7 5/8	3 21/32	1/2	5/8	1 11/16	1 31/32	3 9/16	1 1/64	3 1/4	1	15.00
	2 1/2	ZBR3208	5.500	4 19/32	7 5/8	3 21/32	1/2	5/8	1 11/16	1 31/32	3 9/16	1 1/64	3 1/4	1	14.60
9	2 11/16	ZBR3211	6.375	5 19/64	8 3/4	4 13/64	5/8	3/4	2	2 13/64	4 1/16	1 1/64	3 3/4	1 1/4	23.80
	2 15/16	ZBR3215	6.375	5 19/64	8 3/4	4 13/64	5/8	3/4	2	2 13/64	4 1/16	1 1/64	3 3/4	1 1/4	22.70
10	3 7/16	ZBR3307	7.375	6 3/32	10 1/4	4 37/64	3/4	15/16	2	2 37/64	4 15/16	1 9/64	4 5/16	1 1/4	34.40
	3 1/2	ZBR3308	7.375	6 3/32	10 1/4	4 37/64	3/4	15/16	2	2 37/64	4 15/16	1 9/64	4 5/16	1 1/4	33.90
11	3 15/16	ZBR3315	8.125	6 5/8	10 7/8	5 3/16	3/4	1 1/8	2 1/2	2 11/16	5 5/8	1 1/16	4 11/16	1 1/2	49.00



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