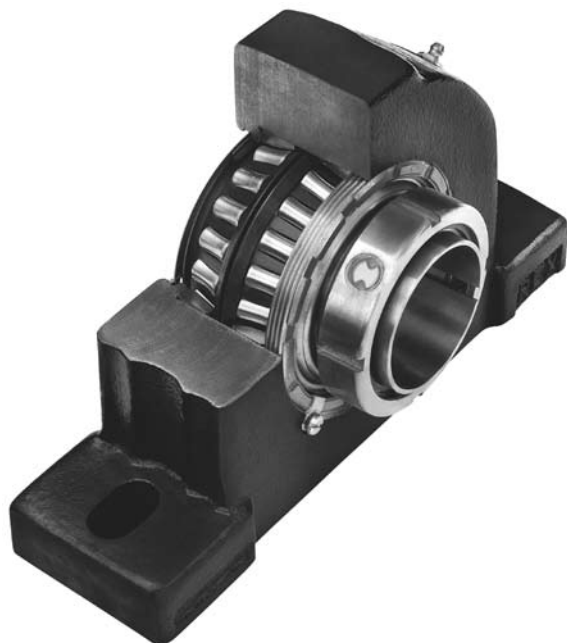


Rexnord® Spherical Roller Bearing



Rexnord® Roller Bearings represent the continuation of 80 years of bearing technology and experience.

Rexnord Spherical Roller Bearings



Easy Bearing Clearance Adjustment

Can be field adjusted to meet application needs.

Replaceable Bearing

Available in single set collar, double set collar, eccentric lock and Adapter mounting to suit load and installation requirements.

Shaft Ready

Pre lubricated with our standard grease for normal operation; other lubricants available for special conditions.

Superfinished Raceways

Super-finished raceways provide a cool running, quiet, high speed and high load capacity bearing

Rugged Housing

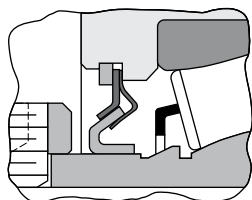
Standard material — cast iron. Steel or ductile iron available on request.

Multiple Housing Styles

Providing mounting features to match the operational and structural requirements.

Interchangeable Seals – Seal Types

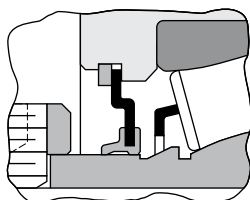
“Z” Seal Clearance



Denoted with a “Z” prefix in the model number. The standard seal used in the majority of applications.

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

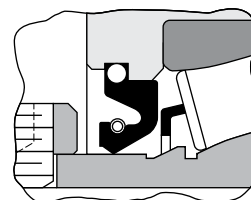
“K” Seal Light Contact



Substitute prefix “K” for “Z” in model number. Molded nitrile rubber lip seals out contaminants.

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

“M” Seal Heavy Contact



Substitute prefix “M” for “Z” in model number. Premium elastomer, spring loaded contact lip.

- 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

Auxiliary Cap Seals

Closed End Shield



Use C Suffix in model number

- Protects from rotating shaft exposure
- Protects from foreign material penetration

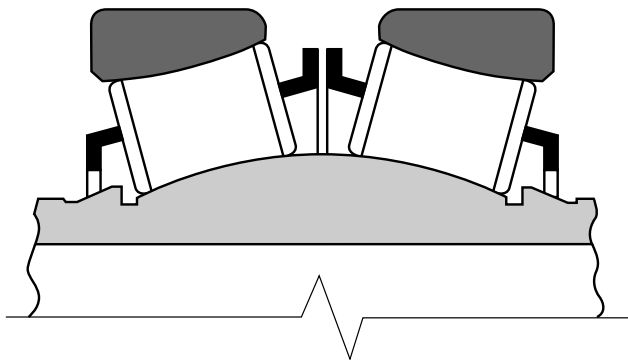
Auxiliary Cap Seals

Recommended for severe environments – they provide supplemental protection for the primary seal.

- Seals against liquids and gritty contaminants. Particularly effective against water washdown, taconite, cement, sand or caking build-up
- Provides safety, encloses rotating mounting hardware
- Protects primary seal from physical damage
- May be filled with grease to provide purging action
- Available as open or closed end cap



Self-Alignment



Integral Self-Alignment

Rexnord® Roller Bearings represent the continuation of 80 years of bearing technology and experience. This design allows the inner race to misalign freely in any direction up to 3° of total misalignment.

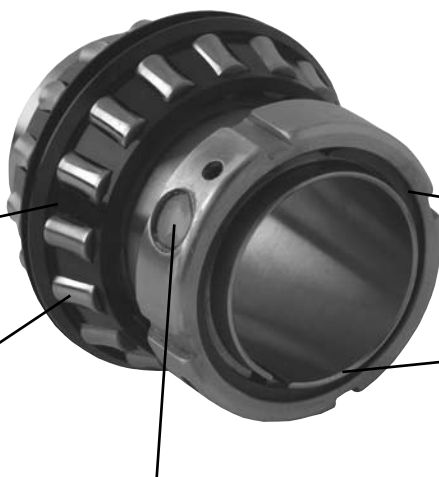
By design, Rexnord Bearings accept both radial and thrust loads under static, oscillatory, or dynamic conditions. The load is taken on the roller raceways, not the roller ends. This means that when thrust loaded up to their allowable limit, **Rexnord Bearings do not exhibit roller end wear.**

Featuring Rexnord's NEW SHURLOCK® Adapter Mounts – Taking the Mystery Out of Mounting

Auxiliary end caps & three field interchangeable seal options ensures long bearing life through a full range of applications

Super-finished raceways provide a cool running, quiet, high speed and high load capacity bearing

Hour Glass Roller elements are precision ground and super finished to provide longer bearing life

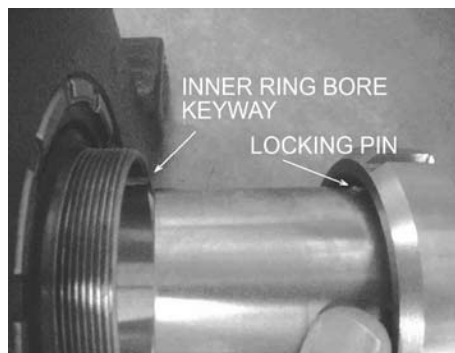


Self aligning spherical roller bearing provides a total of 3 degrees static and dynamic misalignment

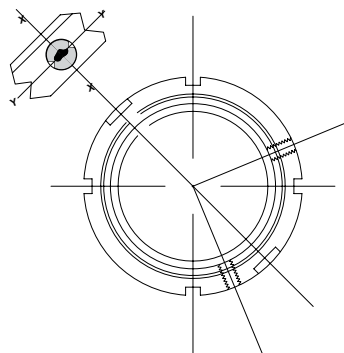
Adapter sleeve assembly allows easy installation/removal, plus enables use of commercial grade shafts

Positive Locking System allows minimal vibration during operation, therefore not requiring scheduled inspections for snugness of mountings

Spyglass® Optical Strain Sensor (OSS) Technology reduces installation errors by changing color when tight



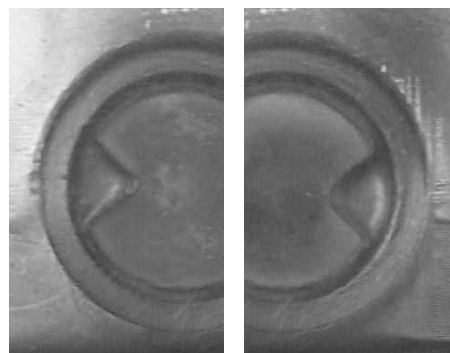
Positive Locking System



Mounting lockout utilizing Spyglass OSS

Not Installed

Installed



Easy Installation: Simply tighten the locknut until the Spyglass® shows proper indication

Rexnord 6000 Series SHURLOK Roller Bearings are Also Available With These Housings



Pillow Block



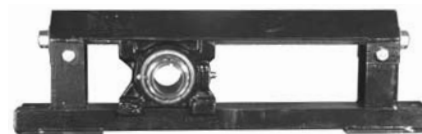
Flanged Units



Flanged Cartridge



Take-up Units



Take-up Assemblies

Nomenclature

Symbol	Description	A	Z	A	-	2	207	F
A	Two open auxiliary end caps	}	}	}	-	}	}	}
B	Two auxiliary end caps							
X	(open on housing side, closed on threaded cover side) Designates "SPECIAL UNITS", contact Rexnord Industries							
Z	Clearance seal	}	}	}	-	}	}	}
K	Light contact seal							
M	Heavy contact seal							
A	Pillow block, fixed	}	}	}	-	}	}	}
AS	Pillow block, floating							
AF	Pillow block, fixed SAF interchange							
AFS	Pillow block, floating SAF interchange							
P	Pillow block, fixed							
PS	Pillow block, floating							
EP	Pillow block, fixed Type E interchange							
B	Flanged block, fixed 4 bolt							
EF	Flanged block, fixed 4 bolt Type E interchange							
F	Flanged block, fixed 4 or 6 bolt							
FS	Flanged block, floating 4 or 6 bolt							
BR	Flanged cartridge block, fixed 4 bolt round							
CS	Cartridge block, steel housing							
MC	Cartridge block, cast iron housing							
D	Duplex unit							
N	Take-up block for protected screw frame							
T	Take-up block for center pull frame							
AT	Center pull take-up assembly							
NT	Protected screw take-up assembly							
HT	Center pull take-up assembly							
FT	Elevator boot end take-up assembly							
GT	Elevator head end take-up assembly							
ST	Center pull spring loaded take-up assembly							
11	Size code – only for take-up blocks & assemblies	}	}	}	-	}	}	}
2	2000 Series, single set collar							
3	3000 Series, eccentric locking collar							
5	5000 Series, double set collar							
6	6000 Series, SHÜRLOK® tapered adapter sleeve							
9	9000 Series, tapered adapter sleeve							
207	2 7/16" – last two digits in 16 th of an inch	}	}	}	-	}	}	}
100MM	100 millimeters							
24	Inches of take-up adjustment – only for take-up assemblies	}	}	}	-	}	}	}
A	One open auxiliary end cap (threaded cover side)							
B	One closed auxiliary end cap (threaded cover side)							
C	Closed end cap							
F	Four bolt housing (pillow blocks only)							
G	Face locked threaded cover							
H	Reverse assembly							
S	Machined pilot on face of flanged units							
V	Viton seal material (when M seal suffix is used)							
Y	Redesigned shaft size – not interchangeable							
72	Steel housing	}	}	}	-	}	}	}
78	Steel retainers							
82	Anti fretting bore							

Rexnord Spherical Roller Bearings

To select a bearing, determine the applied radial load, the applied thrust load, the desired Rating Life, and applicable operating conditions. The procedure shown here will aid in selecting a bearing to meet an L₁₀ design life. The formulas for calculating life expectancy should be used to determine the Rating Life L₁₀ for the bearing selected.

The selection procedures and rating formulas shown here are in agreement with The American Bearing Manufacturers Association Standards and ANSI/ABMA STD 9-1990. Ratings are based on fatigue life. The Rating Life L₁₀ or fatigue life at 90% reliability is the usual basis for bearing selection.

To assure a satisfactory bearing application, fitting practice, mounting, lubrication, sealing, static rating, housing strength, operating conditions and maintenance must be considered.

Selection
Step 1

Determine an appropriate L₁₀ design life.

Type of service	Operating time, hours per year	Design life, years	L ₁₀ design life, hours
Light seasonal usage	500 to 750	3-5	3,000
Heavy seasonal usage	1,400 to 1,600	4-6	8,000
Industrial—8 hour shift	2,000	10	20,000
Industrial—16 hour shift	4,000	10	40,000
Industrial—continuous	8,700	10	80,000 to 100,000

Step 2

Determine a required $\left(\frac{C}{P}\right)$ from Table 1.

Step 3

Calculate the required C and select a roller bearing.

a For radial load only:

$$P = F_r$$

$$\text{required } C = \left(\frac{C}{P}\right)P \text{ using } \left(\frac{C}{P}\right) \text{ from Step 2}$$

Select a roller bearing from Table 2 with a basic load rating C equal to or greater than the required C.

Step 3 (continued)

b For combined radial and thrust loads:

Select a trial roller bearing of the desired shaft size from Table 2.

Calculate the ratio of thrust load F_a to the radial load F_r .

$$\frac{F_a}{F_r}$$

Calculate the equivalent radial load P

$$P = X F_r + Y F_a$$

If $\frac{F_a}{F_r}$ is equal to or less than e, then $P = X_1 F_r + Y_1 F_a$

If $\frac{F_a}{F_r}$ is greater than e, then $P = X_2 F_r + Y_2 F_a$

For values of e, X₁, Y₁, X₂, and Y₂, see Table 2.

Calculate the required C

$$\text{required } C = \left(\frac{C}{P}\right)P \text{ using } \left(\frac{C}{P}\right) \text{ from Step 2.}$$

Consult Table 2, basic load rating. If a smaller bearing meets, or nearly meets, the required C, its life expectancy can be calculated.

Note: If the load P is greater than .25C, consult Rexnord Bearing Division.

Selection

Symbols for formulas:
 C = basic load rating, pounds (or newtons)
 Co = static load rating, pounds (or newtons)
 e = a reference value
 Fa = thrust load, pounds (or newtons)
 Fr = radial load, pounds (or newtons)

L₁₀ = rating life, hours
 n = speed, revolutions per minute
 P = equivalent radial load, pounds (or newtons)
 X = radial factor
 Y = thrust factor

Basic Formula

$$\left(\frac{C}{P}\right) = \left(\frac{L_{10} \times n \times 60}{1,000,000}\right)^{3/10}$$

$$L_{10} = \frac{\left(\frac{C}{P}\right)^{10/3} \times 1,000,000}{n \times 60}$$

Life Expectancy

To calculate the Rating Life L₁₀ of any selected or trial bearing:

Step 1

Determine the equivalent radial load P.

a For radial load only:

$$P = Fr$$

b For combined radial and thrust load:

$$P = XFr + YFa$$

if $\frac{Fa}{Fr}$ is equal to or less than e, then

$$P = X1Fr + Y1Fa$$

if $\frac{Fa}{Fr}$ is greater than e, then

$$P = X2Fr + Y2Fa$$

For values of e, X1, Y1, X2, and Y2, consult the appropriate bearing rating Table 2.

Step 2

Calculate the ratio of the basic load rating C to the equivalent radial load.

$$\left(\frac{C}{P}\right)$$

Step 3

Approximate the bearing life from Table 1.

Life Adjustment

The Rating Life, L₁₀, may be modified for some applications in accordance with the formula

$$Ln = a1a2a3L_{10}$$

where Ln = Adjusted life for (100-n) % reliability,

a1 = Life adjustment factor for reliability

a2 = Life adjustment factor

for material and processing

a3 = Life adjustment factor for operating conditions.

For most normal applications, all factors will be taken as 1, and the Rating Life used as the selection basis or life estimate. In addition, as long as standard catalog bearings are used, a2 will be normally set equal to one.

The factor a3 covers such things as lubrication, misalignment, and temperature. Some conditions that could yield a3 significantly different than unity include speeds less than 20000 DN or greater than 200000 DN, temperatures below -40°F (-40°C) or above 275°F (135°C). For other possible conditions, as well as additional information on life adjustment factors, consult Rexnord Bearing Division.

Table 1 • Relation of L₁₀ life and speed to $\left(\frac{C}{P}\right)$

Bearing Life Hours L ₁₀	Speed, n									
	50	100	200	300	400	500	600	700	800	
3000	1.93	2.38	2.93	3.31	3.61	3.86	4.07	4.27	4.44	
4000	2.11	2.59	3.19	3.61	3.93	4.20	4.44	4.65	4.84	
5000	2.25	2.77	3.42	3.86	4.20	4.50	4.75	4.97	5.18	
6000	2.38	2.93	3.61	4.07	4.44	4.75	5.02	5.25	5.47	
8000	2.59	3.19	3.93	4.44	4.84	5.18	5.47	5.73	5.96	
10000	2.77	3.42	4.20	4.75	5.18	5.54	5.85	6.12	6.37	
12000	2.93	3.61	4.44	5.02	5.47	5.85	6.18	6.47	6.73	
14000	3.07	3.78	4.65	5.25	5.73	6.12	6.47	6.77	7.05	
16000	3.19	3.93	4.84	5.47	5.96	6.37	6.73	7.05	7.34	
18000	3.31	4.07	5.02	5.66	6.18	6.60	6.97	7.30	7.60	
20000	3.42	4.20	5.18	5.85	6.37	6.81	7.20	7.54	7.85	
25000	3.65	4.50	5.54	6.25	6.81	7.29	7.70	8.06	8.39	
30000	3.86	4.75	5.85	6.60	7.20	7.70	8.13	8.51	8.86	
35000	4.04	4.97	6.12	6.92	7.54	8.06	8.51	8.92	9.28	
40000	4.20	5.18	6.37	7.20	7.85	8.39	8.86	9.28	9.66	
45000	4.36	5.36	6.60	7.46	8.13	8.69	9.18	9.61	10.00	
50000	4.50	5.54	6.81	7.70	8.39	8.97	9.48	9.92	10.30	
60000	4.75	5.85	7.20	8.13	8.86	9.48	10.00	10.50	10.90	
70000	4.97	6.12	7.54	8.51	9.28	9.92	10.50	11.00	11.40	
80000	5.18	6.37	7.85	8.86	9.66	10.30	10.90	11.40	11.90	
90000	5.36	6.60	8.13	9.18	10.00	10.70	11.30	11.80	12.30	
100000	5.54	6.81	8.39	9.48	10.30	11.00	11.70	12.20	12.70	
150000	6.25	7.70	9.48	10.70	11.70	12.50	13.20	13.80	14.40	
200000	6.81	8.39	10.30	11.70	12.70	13.60	14.40	15.00	15.70	
	Speed, n									
	900	1000	1200	1500	1800	2400	3000	3600	6000	
3000	4.60	4.75	5.02	5.36	5.66	6.18	6.60	6.97	8.13	
4000	5.02	5.18	5.47	5.85	6.18	6.73	7.20	7.60	8.86	
5000	5.36	5.54	5.85	6.25	6.60	7.20	7.70	8.13	9.48	
6000	5.66	5.85	6.18	6.60	6.97	7.60	8.13	8.59	10.00	
8000	6.18	6.37	6.73	7.20	7.60	8.29	8.86	9.36	10.90	
10000	6.60	6.81	7.20	7.70	8.13	8.86	9.48	10.00	11.70	
12000	6.97	7.20	7.60	8.13	8.59	9.36	10.00	10.60	12.30	
14000	7.30	7.54	7.96	8.51	8.99	9.80	10.50	11.10	12.90	
16000	7.60	7.85	8.29	8.86	9.36	10.20	10.90	11.50	13.40	
18000	7.88	8.13	8.59	9.18	9.70	10.60	11.30	11.90	13.90	
20000	8.13	8.39	8.86	9.48	10.00	10.90	11.70	12.30	14.40	
25000	8.69	8.97	9.48	10.10	10.70	11.70	12.50	13.20	15.40	
30000	9.18	9.48	10.00	10.70	11.30	12.30	13.20	13.90	16.20	
35000	9.61	9.92	10.50	11.20	11.80	12.90	13.80	14.60	17.00	
40000	10.00	10.30	10.90	11.70	12.30	13.40	14.40	15.20	17.70	
45000	10.40	10.70	11.30	12.10	12.80	13.90	14.90	15.70	18.30	
50000	10.70	11.00	11.70	12.50	13.20	14.40	15.40	16.20	18.90	
60000	11.30	11.70	12.30	13.20	13.90	15.20	16.20	17.10	20.00	
70000	11.80	12.20	12.90	13.80	14.60	15.90	17.00	17.90	20.90	
80000	12.30	12.70	13.40	14.40	15.20	16.50	17.70	18.70	21.80	
90000	12.80	13.20	13.90	14.90	15.70	17.10	18.30	19.40	22.60	
100000	13.20	13.60	14.40	15.40	16.20	17.70	18.90	20.00	23.30	
150000	14.90	15.40	16.20	17.30	18.30	20.00	21.40	22.60	26.30	
200000	16.20	16.70	17.70	18.90	20.00	21.80	23.30	24.60	28.70	

Table 2 • Load Ratings and Speed Limits

Size Code	Co Static load rating		C Basic load rating		Approximate speed limit RPM			e	$\frac{F_a}{F_r} \leq e$		$\frac{F_a}{F_r} > e$	
	newtons	pounds	newtons	pounds	Z seal	K seal	M seal		X ₁	Y ₁	X ₂	Y ₂
2	44433	9900	44433	9900	6500	4500	4400	0.46	1.00	1.47	0.67	2.20
3	63732	14200	64181	14300	5750	4000	3700	0.46	1.00	1.47	0.67	2.20
4	71811	16000	71362	15900	5250	3600	3300	0.46	1.00	1.47	0.67	2.20
5	95598	21300	90661	20200	4450	3100	2800	0.46	1.00	1.47	0.67	2.20
6	117590	26200	105023	23400	4050	2800	2500	0.39	1.00	1.75	0.67	2.60
7	142724	31800	122078	27200	3650	2500	2200	0.39	1.00	1.75	0.67	2.60
8	210046	46800	171448	38200	3300	2300	2000	0.39	1.00	1.75	0.67	2.60
9	249991	55700	210046	46800	2800	1900	1700	0.39	1.00	1.75	0.67	2.60
10	412462	91900	368029	82000	2400	1700	1400	0.39	1.00	1.75	0.67	2.60
11	572241	127500	529603	118000	2050	1400	1200	0.39	1.00	1.75	0.67	2.60
12	649886	144800	630138	140400	1850	-	1100	0.33	1.00	2.00	0.67	3.00
13	995026	221700	717657	159900	1600	-	1000	0.33	1.00	2.00	0.67	3.00
14	1267458	282400	852751	190000	1000	-	900	0.33	1.00	2.00	0.67	3.00
15	1394024	310600	954632	212700	900	-	800	0.33	1.00	2.00	0.67	3.00
16	1622471	361500	1056065	235300	800	-	700	0.33	1.00	2.00	0.67	3.00

Table 3 • Rexnord Size Code Interchange Table

Shaft Size	REX 2000 Single Set Collar Bearing Number	REX 3000 Twist Lock Eccentric Lock Bearing Number	REX 5000 Double Set Collar Bearing Number	REX 6000 SHÜRLOK® Tapered Adapter Bearing Number	REX 9000 Tapered Adapter Bearing Number	Size Code	Approx Outer Race Dia.
3/4	2012						
15/16	2015						
25mm	2025MM					2	2.370
1	2100						
1-1/8	2102						
30mm	2030MM					3	2.630
1-3/16	2103						
1-1/4	2104						
35mm	2035MM						
1-7/16	2107	3107	5107			4	2.830
1-1/2	2108						
1-1/2			5108				
40mm	2040MM		5040MM			5	3.340
1-11/16	2111	3111	5111				
1-3/4	2112						
45mm	2045MM						
1-15/16	2115	3115	5115	6115		6	3.540
50mm	2050MM		5050MM				
2	2200						
50mm					9050MM		
1-15/16					9115	7	3.940
2			5200		9200		
55mm	2055MM		5055MM				
2-3/16	2203	3203	5203	6203			
2-1/4	2204						
55mm					9055MM		
2-3-16					9203	8	4.320
60mm	2060MM		5060MM				
2-3/8	2206			6206			
2-7/16	2207	3207	5207	6207			
2-1/2	2208	3208					
65mm	2065MM		5065MM				
2-7/16					9207		
2-1/2			5208		9208		
2-11/16	2211	3211	5211	6211		9	5.120
2/3/4	2212			6212			
70mm	2070MM		5070MM				
2-15/16	2215	3215	5215	6215			
75mm	2075MM		5075MM				
3	2300						
2-11/16					9211		
2-15/16					9215		
75mm					9075MM		
80mm	2080MM		5080MM			10	5.900
3-3/16	2303		5303	6303			
85mm	2085MM		5085MM				
3-7/16	2307	3307	5307	6307			
3-1/2	2308	3308					
90mm	2090MM		5090MM				
80mm					9080MM		
3-3/16					9303	11	7.090
3-7/16					9307		
3-11/16	2311		5311	6311			
100mm	2100MM		5100MM				
3-15/16	2315	3315	5315	6315			
4	2400		5400				
3-11/16					9311Y		
100mm					9100MM	12	7.680
3-15/16					9315Y		
4					9400Y		
4-3-16			5403Y	6403Y			
110mm			5110MM				
4-7/16			5407Y	6407Y			
4-1/2			5408Y				
115mm			5115MM				
4-3/16					9403		
4-7/16					9407	13	9.050
125mm			5125MM				
4-15/16			5415	6415			
5			5500				
130mm			5130MM				
4-15/16					9415		
5					9500	14	10.630
5-7/16			5507				
140mm			5140MM				
5-3-16					9503		
5-7/16					9507		
150mm			5150MM			15	11.420
5-15/16			5515				
6			5600				
160mm			5160MM				
5-15/16					9515		
6					9600		
6-7/16			5607		9607	16	12.600
6-15/16			5615				
7			5700				
180mm			5180MM				

Table 4 • Radial load ratings in Pounds at Various RPM for Appropriate L₁₀ Life Hours

Size Code	L ₁₀ Minimum Life Hours	Speed, RPM																	
		50	100	200	300	400	500	600	700	800	900	1000	1200	1500	1800	2000	2500	3000	3500
2	8000	*	*	*	2229	2045	1912	1811	1729	1661	1603	1553	1471	1375	1302	1262	1180	1117	1067
	20000	*	2354	1912	1693	1553	1453	1375	1313	1262	1218	1180	1117	1045	989	958	896	849	810
	40000	2354	1912	1553	1375	1262	1180	1117	1067	1025	989	958	907	849	804	779	728	689	658
	100000	1789	1453	1180	1045	958	896	849	810	779	751	728	689	645	610	591	553	524	500
3	8000	*	*	*	3220	2954	2762	2615	2497	2399	2316	2244	2124	1987	1881	1822	1704	1614	1541
	20000	*	3401	2762	2446	2244	2098	1987	1897	1822	1759	1704	1614	1509	1429	1384	1295	1226	1170
	40000	3401	2762	2244	1987	1822	1704	1614	1541	1480	1429	1384	1311	1226	1161	1125	1052	996	951
	100000	2583	2098	1704	1509	1384	1295	1226	1170	1125	1085	1052	996	931	882	854	799	756	722
4	8000	*	*	*	3580	3284	3071	2908	2776	2667	2575	2495	2362	2209	2091	2026	1895	1794	1713
	20000	*	3781	3071	2720	2495	2333	2209	2109	2026	1956	1895	1794	1678	1589	1539	1440	1363	1301
	40000	3781	3071	2495	2209	2026	1895	1794	1713	1646	1589	1539	1457	1363	1290	1250	1169	1107	1057
	100000	2873	2333	1895	1678	1539	1440	1363	1301	1250	1207	1169	1107	1035	980	950	888	841	803
5	8000	*	*	*	4548	4172	3902	3694	3527	3389	3271	3169	3001	2806	2657	2574	2408	2280	2176
	20000	*	4804	3902	3455	3169	2964	2806	2680	2574	2485	2408	2280	2132	2018	1956	1829	1732	1653
	40000	4804	3902	3169	2806	2574	2408	2280	2176	2091	2018	1956	1852	1732	1639	1588	1486	1407	1343
	100000	3649	2964	2408	2132	1956	1829	1732	1653	1588	1533	1486	1407	1315	1245	1207	1129	1068	1020
6	8000	*	*	*	5269	4833	4520	4280	4086	3926	3789	3671	3476	3251	3078	2982	2789	2641	2521
	20000	*	5565	4520	4002	3671	3434	3251	3104	2982	2879	2789	2641	2470	2338	2265	2119	2006	1915
	40000	5565	4520	3671	3251	2982	2789	2641	2521	2422	2338	2265	2145	2006	1899	1840	1721	1629	1556
	100000	4227	3434	2789	2470	2265	2119	2006	1915	1840	1776	1721	1629	1524	1443	1398	1307	1238	1182
7	8000	*	*	*	6124	5618	5254	4975	4750	4563	4405	4268	4041	3779	3578	3466	3242	3069	2931
	20000	*	6469	5254	4652	4268	3991	3779	3608	3466	3346	3242	3069	2871	2718	2633	2463	2332	2226
	40000	6469	5254	4268	3779	3466	3242	3069	2931	2816	2718	2633	2493	2332	2208	2139	2000	1894	1808
	100000	4914	3991	3242	2871	2633	2463	2332	2226	2139	2065	2000	1894	1771	1677	1625	1520	1439	1374
8	8000	*	*	*	8601	7890	7379	6986	6671	6409	6186	5994	5675	5307	5025	4868	4553	4311	4117
	20000	*	9085	7379	6534	5994	5606	5307	5067	4868	4699	4553	4311	4032	3817	3698	3459	3275	3153
	40000	9085	7379	5994	5307	4868	4553	4311	4116	3954	3817	3698	3501	3275	3100	3004	2809	2660	2521
	100000	6901	5606	4553	4032	3698	3459	3275	3127	3004	2900	2809	2660	2488	2355	2282	2134	2021	1915
9	8000	*	*	*	10537	9666	9040	8559	8172	7851	7579	7343	6952	6502	6156	5964	5578	5273	5031
	20000	*	11130	9040	8005	7343	6868	6502	6208	5964	5757	5578	5281	4939	4676	4531	4237	4013	3817
	40000	11130	9040	7343	6502	5964	5578	5281	5043	4845	4676	4531	4290	4012	3798	3680	3442	3279	3153
	100000	8455	6868	5578	4939	4531	4237	4012	3831	3680	3552	3442	3259	3048	2885	2796	2615	2479	2374
10	8000	*	*	*	18463	16936	15840	14997	14319	13757	13279	12866	12181	11392	10786	10450	9774	9291	8931
	20000	*	19501	15840	14026	12866	12033	11392	10878	10450	10088	9774	9253	8654	8194	7939	7425	7013	6698
	40000	19501	15840	12866	11392	10450	9774	9253	8835	8488	8194	7939	7516	7029	6655	6448	6031	5727	5453
	100000	14814	12033	9774	8654	7939	7425	7029	6712	6448	6224	6031	5710	5340	5056	4898	4581	4367	4191
11	8000	*	*	*	26569	24372	22794	21581	20605	19796	19109	18514	17529	16394	15521	15038	14244	13551	12957
	20000	*	28063	22794	20183	18514	17316	16394	15653	15038	14516	14065	13316	12454	11791	11424	10816	10307	9898
	40000	28063	22794	18514	16394	15038	14065	13316	12714	12215	11791	11424	10816	10116	9577	9279	8791	8393	8031
	100000	21318	17316	14065	12454	11424	10684	10116	9658	9279	8957	8678	8216	7684	7275	7049	6631	6313	6031
12	8000	*	*	*	31612	28999	27121	25677	24517	23554	22736	22029	20856	19506	18468	17854	17109	16474	15939
	20000	*	33390	27121	24015	22029	20603	19506	18624	17893	17272	16734	15844	14818	14029	13414	12809	12314	11829
	40000	33390	27121	22029	19506	17893	16734	15844	15128	14534	14029	13593	12869	12036	11395	10801	10316	9851	9416
	100000	25365	20603	16734	14818	13593	12712	12036	11492	11041	10657	10326	9776	9143	8656	8249	7851	7474	7127
13	8000	*	*	*	36003	33026	30888	29244	27922	26826	25894	25089	23753	22215	21409	20634	19506	18681	17956
	20000	*	38027	30888	27350	25089	23464	22215	21211	20378	19671	19059	18044	16876	16211	15621	14706	13931	13286
	40000	38027	30888	25089	22215	20378	19059	18044	17229	16552	15978	15481	14657	13707	13141	12641	12006	11511	11046
	100000	28888	23464	19059	16876	15481	14478	13707	13088	12574	12138	11760	11134	10413	9911	9471	8986	8556	8141
14	8000	*	*	*	42780	39243	36702	34748	33178	31875	30769	29811	28756	27456	26301	25286	24086	23181	22371
	20000	*	45186	36702	32498	29811	27881	26397	25204	24214	23374	22646	21631	20601	19668	18985	18395	17856	17351
	40000	45186	36702	29811	26397	24214	22646	21441	20472	19668	18985	18395	17856	17351	16841	16391	15911	15491	15111
	100000	34326	27881	22646	20053	18395	17204	16288	15552	14941	14422	13974	13531	13091	12661	12241	11831	11431	11041
15	8000	*	*	*	47892	43932	41087	38900	37142	35684	34445	33373	32346	31031	29916	28901	27886	26871	25956
	20000	*	50584	41087	36381	33373	31212	29551	28215	27107	26166	25352	24361	23371	22381	21391	20401	19411	18421
	40000	50584	41087	33373	29551	27107	25352	24003	22918	22018	21254	20592	19741	18911	18081	17251	16421	15591	14761
	100000	38427	31212	25352	22448	20592	19259	18234	17410	16726	16145	15643	15143	14643	14143	13643	13143	12643	12143
16	8000	*	*	*	52980	48599	45453	43033	41088	39475	38061	36746	35531	34316	33101	31886	30671	29456	28241
	20000	*	55959	45453	40247	36919	34528	32691	31213	29988	28813	27688	26563	25438	24313	23188	22063	20938	19813
	40000	55959	45453	36919	32691	29988	28046	26553	25353	24357	23411	22511	21611	20711	19811	18911	18011	17111	16211
	100000	42509	34528	28046	24834	22780	21305	20171	19260	18503	17803	17103	16403	15703	15003	14303	13603	12903	12203

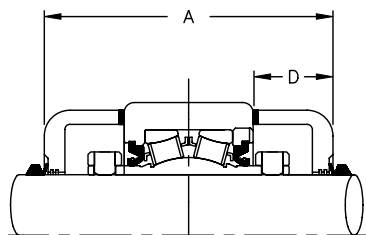
* Load exceeds 25% of the C rating, consult Rexnord Bearing Division

Auxiliary Cap Seals

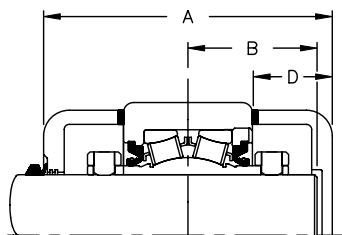
Kit Nomenclature

Symbol	Description
A	open cap } closed cap }
B	
E	floating type } leave blank for fixed type }
*	
4-16	bearing size code from dimension page
215	2 15/16" last two digits in 16th of an inch } not required for closed style caps }
*	

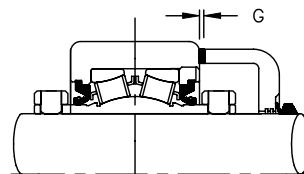
A S 9 - 2 1 5



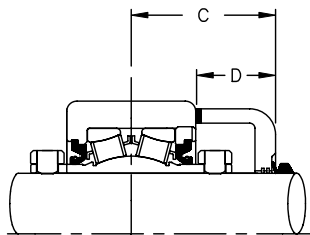
"A" Prefix
(Two Open Caps)
Example: AMA5207



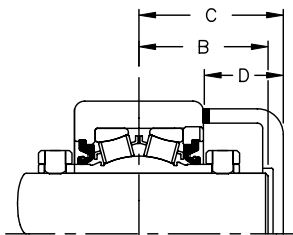
"B" Prefix
(1 Open 1 Closed Caps)
Example: BMA5207



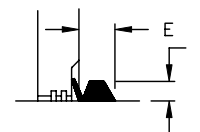
Gasket
Thickness



"A" SUFFIX
(One Open Cap)
Example: MA5207A



"B" SUFFIX
(One Closed Cap)
Example: MA5207B



V-Ring Seal Detail

Cast Iron Auxiliary Cap

Size Code	Fixed Bearings Only				Floating (Expansion) Bearings Only				V-Ring Seal		Gasket G
	A	B	C	D*	A	B	C	D*	E	F	
4	5 5/16	2 5/16	2 11/16	1 9/16	5 1/2	2 3/8	2 3/4	1 17/32	3/8	3/16	3/16
5	5 1/2	2 7/16	2 3/4	1 17/32	5 3/4	2 1/2	2 7/8	1 15/32			
6	5 9/16	2 7/16	2 13/16	1 9/16	5 3/4	2 1/2	2 7/8	1 17/32			
7	5 3/4	2 1/2	2 7/8	1 19/32	6 1/16	2 5/8	3 1/16	1 21/32			
8	6 1/16	2 3/4	3 1/16	1 23/32	6 5/16	2 3/4	3 3/16	1 23/32	7/16	1/4	
9	7	3 1/8	3 1/2	1 15/16	6 15/16	3 1/16	3 1/2	1 25/32			
10	6 15/16	3 1/16	3 1/2	1 13/16	7 3/8	3 5/8	3 11/16	1 29/32			
11	8 5/16	3 5/8	4 3/16	2 5/32	8 9/16	3 3/4	4 5/16	2 5/32			
12	8 1/2	3 3/4	4 1/4	2 3/16	9 3/8	4 5/16	4 11/16	2 1/2	9/16	5/16	
13	10 1/8	4 1/2	5 1/16	2 9/32	10 9/16	4 3/4	5 5/16	2 9/32			
14	10 1/8	4 1/2	5 1/16	2 9/32	11 1/16	5	5 9/16	2 5/8			
15	11 1/16	4 15/16	5 9/16	2 5/8	11 1/2	4 15/16	5 3/4	2 3/4			
16	11 3/16	5	5 5/8	2 1/2	11 5/8	5 1/4	5 13/16	2 5/8	5/8	3/8	