

BALL BEARING HOUSED UNITS

WIDE-INNER-RING BALL BEARINGS • INDUSTRIAL SERIES • G-KRR, G-KRRB

G-KRR, G-KRRB RELUBRICATABLE TYPES

- The G-KRR-series wide-inner-ring ball bearings are the same as the RR series and have a provision for relubrication.
- These bearings are designed for extremely dirty or wet conditions.
- The bearing includes R-seals with flared lips that firmly contact the ground O.D. of the inner ring. The inner ring provides a positive seal against dust, dirt and other contaminants, and effectively retains the lubricant.
- G-KRR-series bearings are equipped with shroud-seals, providing extra effectiveness and protection.
- The extra-wide design provides additional shaft support and extra-large grease capacity.

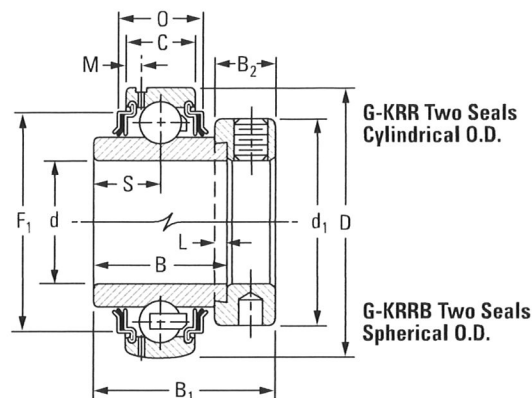
Suggested shaft tolerances:

1/2 in. – 1 15/16 in., nominal to -0.013 mm, -0.0005 in.;

2 in. – 2 15/16 in., nominal to -0.025 mm, -0.0010 in.

To order, specify bearing number followed by "+ COL".

Example: G1010KRRB + COL.



Bearing No.		Collar No.	Basic Outer-Ring Size	Shaft Dia.	O.D.	Ring Widths										Brg. and Collar Wt.	Static Load Rating	Extended Dynamic Load Rating	
Cylindrical O.D.	Spherical O.D.					Inner	Outer												
								B	C	S	L	d ₁	B ₂	M	B ₁				F ₁
				d	D	B	C	S	L	d ₁	B ₂	M	B ₁	F ₁	O		C ₀	C _E	
				in. mm	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	kg lbs.	N lbs.	N lbs.	
—	G1008KRRB	S1008K	203	1/2												0.154	0.34		
—	G1009KRRB	S1009K			9/16												0.141	0.31	
G1010KRR	G1010KRRB	S1010K			5/8	40	27.78	12	13.90	4.0	28.6	13.5	2.72	37.3	34.01	16.56	0.141	0.31	4700
G1011KRR	G1011KRRB	S1011K			11/16	1.5748	1 3/32	0.472	39/64	5/32	1 1/8	17/32	0.107	1 15/32	1.339	0.652	0.118	0.26	1060
GE17KRR	GE17KRRB	SE17K			17												0.118	0.26	
G1012KRR	G1012KRRB	S1012K	204	3/4	47	34.13	14	17.10	4.0	33.3	13.5	3.43	43.7	38.91	17.30	0.204	0.45	6200	
GE20KRR	GE20KRRB	SE20K			20	1.8504	1 11/32	0.551	43/64	5/32	1 5/16	17/32	0.135	1 23/32	1.532	0.681	0.204	0.45	1400
—	G1013KRRB	S1013K	205	13/16												0.286	0.63		
G1014KRR	G1014KRRB	S1014K			7/8												0.263	0.58	
G1015KRR	G1015KRRB	S1015K			15/16	52	34.92	15	17.50	4.0	38.1	13.5	3.86	44.4	45.19	16.66	0.240	0.53	7700
G1100KRR	G1100KRRB	S1100K			1	2.0472	1 3/8	0.591	11/16	5/32	1 1/2	17/32	0.152	1 3/4	1.779	0.656	0.227	0.50	1730
GE25KRR	GE25KRRB	SE25K			25												0.227	0.50	
G1101KRR	G1101KRRB	S1101K	206	1 1/16												0.417	0.92		
G1102KRR	G1102KRRB	S1102K			1 1/8												0.404	0.89	
G1103KRR	G1103KRRB	S1103K			1 3/16	62	36.51	18	18.30	4.0	44.1	15.9	3.96	48.4	52.53	21.56	0.376	0.83	11100
—	G1103KRRB3	S1103K3			1 1/4	2.4409	1 7/16	0.709	23/32	5/32	1 47/64	5/8	0.156	1 29/32	2.068	0.849	0.349	0.77	2500
GE30KRR	GE30KRRB	SE30K			30												0.376	0.83	
G1104KRR	G1104KRRB	S1104K	207	1 1/4												0.653	1.44		
—	G1105KRRB	S1105K			1 5/16												0.617	1.36	
G1106KRR	G1106KRRB	S1106K			1 3/8	72	37.70	19	18.85	4.0	54.0	17.1	3.68	51.2	60.55	21.74	0.585	1.29	15100
G1107KRR	G1107KRRB	S1107K			1 7/16	2.8346	1 31/64	0.748	0.742	5/32	2 1/8	43/64	0.145	2 1/64	2.384	0.856	0.562	1.24	3400
GE35KRR	GE35KRRB	SE35K			35												0.585	1.29	
G1108KRR	G1108KRRB	S1108KT	208	1 1/2												0.812	1.79		
—	G1109KRRB	S1109KT			1 9/16	80	42.86	21	21.40	4.8	60.3	18.3	4.06	56.4	67.79	23.44	0.771	1.70	19600
GE40KRR	GE40KRRB	SE40K			40	3.1496	1 11/16	0.827	27/32	3/16	2 3/8	23/32	0.160	2 7/32	2.669	0.923	0.771	1.70	4400

⁽¹⁾Spherical O.D. outer-ring width is 22 mm, 0.866 in. 2 1/4 in. – 2 15/16 in., nominal to 0.015 mm, +0.0006 in.

⁽²⁾Spherical O.D. outer-ring width is 24 mm (0.945 in.).

NOTE: Bore tolerances: 1/2 in. – 2 3/16 in., nominal to +0.013 mm, +0.0005 in.

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