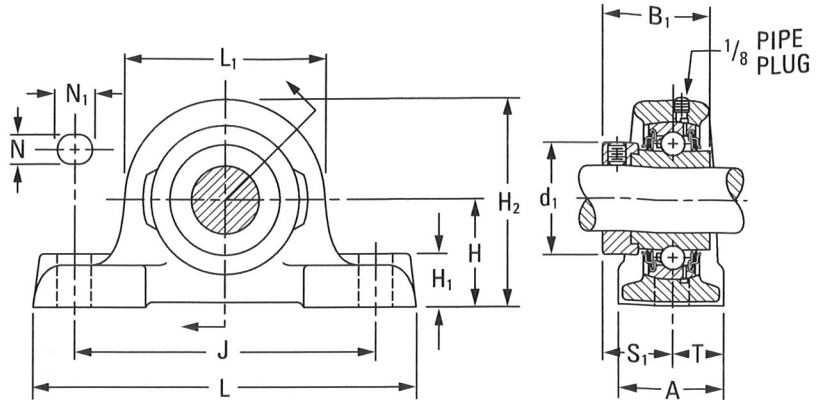


RAO, LAO HEAVY SERIES

- This is a compact, economic, heavy-duty ball bearing housed unit.
- This series incorporates the tested and proven features of the Timken standard RAK-series pillow block.
- RAO-series bearings are equipped to handle heavy capacity.
- LAO-series bearings are equipped with heavy-series GN-KLLB wide-inner-ring ball bearings.
- The units are supplied with a self-locking collar that eliminates shaft shoulders, machining adapters and sleeves, and locknuts that provide easy mounting.



Suggested shaft tolerances:

1 3/16 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 UNIT and SHAFT DIAMETER.

Example: RAO 1 7/16 in.

BEARING DATA

Unit	Bearing No.	Dimensions and Load Ratings
RAO	GN-KRRB	Page A-57
LAO	GN-KLLB	Page A-59

Unit ⁽¹⁾	Shaft Dia.	H	H ₂	B ₁	L ₁	J	L	A	H ₁	N	N ₁	d ₁	S ₁	T	Bolt Size	Bearing No.	Collar No.	Housing No.	Unit Wt.
	in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.			New	kg lbs.
RAO	1 3/16	47.63 1 7/8	93.7 3 11/16	50.0 1 31/32	90.5 3 9/16	136.5 5 3/8	173.0 6 13/16	49.2 1 15/16	22.2 7/8	15.9 5/8	19.0 3/4	49.2 1 15/16	32.5 1 9/32	24.6 1 31/32	12 1/2	GN103KRRB	SN103K	T-18798	1.898 4.18
RAO	1 7/16	53.98 2 1/8	104.0 4 3/32	51.6 2 1/32	101.6 4	152.4 6	192.1 7 9/16	54.0 2 1/8	23.8 1 5/16	15.9 5/8	19.0 3/4	55.6 2 3/16	33.3 1 5/16	27.0 1 1/16	12 1/2	GN107KRRB	SN107K	T-18626	2.406 5.30
RAO	1 1/2	60.33 2 3/8	117.5 4 5/8	57.2 2 1/4	114.3 4 1/2	171.4 6 3/4	215.9 8 1/2	60.3 2 3/8	27.0 1 1/16	19.0 3/4	25.4 1	63.5 2 1/2	37.3 1 15/32	30.2 1 3/16	16 5/8	GN108KRRB	SN108K	T-18800	3.755 8.27
RAO	1 11/16	66.68 2 5/8	130.2 5 1/8	58.7 2 5/16	127.0 5	190.5 7 1/2	239.7 9 7/16	66.7 2 5/8	30.2 1 3/16	19.0 3/4	25.4 1	69.8 2 3/4	38.9 1 17/32	33.3 1 5/16	16 5/8	GN111KRRB	SN111K	T-18802	5.030 11.08
RAO	1 15/16	71.44 2 13/16	141.3 5 9/16	66.7 2 5/8	138.1 5 7/16	209.6 8 1/4	265.1 10 7/16	73.0 2 7/8	33.3 1 5/16	19.0 3/4	25.4 1	76.2 3	42.1 1 21/32	36.5 1 7/16	16 5/8	GN115KRRB	SN115K	T-18804	6.265 13.80
RAO	2 3/16	77.79 3 1/16	153.2 6 1/32	73.0 2 7/8	150.8 5 15/16	228.6 9	287.3 11 5/16	79.4 1 1/8	36.5 1 7/16	22.2 7/8	28.6 1 1/8	82.6 3 1/4	45.2 1 29/32	39.7 1 9/16	20 3/4	GN203KRRB	SN203K	T-18806	7.940 17.49
RAO	2 7/16	84.14 3 5/16	165.9 6 17/32	79.4 3 1/8	163.5 6 7/16	247.6 9 3/4	312.7 12 5/16	84.1 3 5/16	38.1 1 1/2	22.2 7/8	28.6 1 1/8	88.9 3 1/2	48.4 1 29/32	42.1 1 21/32	20 3/4	GN207KRRB	SN207K	T-18808	9.761 21.50
RAO	2 11/16	96.84 3 13/16	192.1 7 9/16	88.9 3 1/2	188.9 7 7/16	285.8 11 1/4	360.4 14 3/16	96.0 3 13/16	44.4 1 3/4	25.4 1	33.3 1 5/16	101.6 4	54.8 2 5/32	48.4 1 29/32	22 7/8	GN211KRRB	SO211K	T-18810	15.322 33.75
RAO	2 15/16	104.78 4 1/8	204.8 8 1/16	100.0 3 15/16	201.6 7 15/16	304.8 12	384.2 15 1/8	103.2 4 1/16	47.6 1 7/8	25.4 1	33.3 1 5/16	112.7 4 7/16	62.7 2 15/32	51.6 2 1/32	22 7/8	GN215KRRB	SN215K	T-18601	18.205 40.10

⁽¹⁾LAO assembled with GN-KLLB bearing.