

Key Industries:

Aggregates
Agri-farm
Cement
Construction Equipment
Energy
Fluid Power
Heavy-duty Trucking
Metal Processing
Military
Mining

Shaft Sizes:

25–200 millimeters

Mounting Type:

Direct shaft mount

Link-Belt 5200 and 5300 Series Cylindrical Roller Bearings

Count on our cylindrical bearings for a range of applications.

For more than 40 years, construction crews, rig workers, pump manufacturers, and maintenance supervisors have depended on the reliability and durability of our Link-Belt® 5200 and 5300 Series Cylindrical Roller Bearings. Ideal for a range of applications, including the 5200 Series for general applications and the 5300 Series for higher-load capacity applications, you'll find these bearings in oil rig platforms, rendering systems, pumps, underground mining equipment, and more. Link-Belt 5200 and 5300 Series Cylindrical Roller Bearings feature a compact design that offer the superior life and performance required for your needs.

In fact, we offer an assemble-to-order capability to provide design flexibility and customization of standard bearing sizes. Our integrated application engineering services provide internal testing to verify our bearing designs are fit for your specific application requirements.

Features and benefits

- **Carburized bearing-quality steel** — provides superior bearing life and performance
- **Extra-tough retaining rings** — allow for high performance in demanding applications
- **Formed steel cage** — provides strength against shock loads with positive roller spacing and roller guidance for longer life and quiet operation
- **On-time delivery and best-in-class lead times** — we offer superior on-time delivery and fill orders in four weeks or less
- **Polynomial crowned rollers** — ensure precise alignment and maximize the surface contact area for optimal heavy load-carrying capacity
- **Superior shaft-to-housing alignment capabilities** — minimize stress levels under most heavily loaded applications, and reduce heat and noise under heavy loads
- **Swaged roller pockets** — allow for superior roller control and ease of assembly



Link-Belt®



5200 Series technical data[®]

Basic Bearing Number	A Bore Diameter		B Outside Diameter		C Width		Basic Load Rating	Static Load Rating	Basic Load Rating	Static Load Rating	R Outer		R Inner	
	mm	inches	mm	inches	mm	inches	N	N	pounds	pounds	mm	inches	mm	inches
	5205	25.00	0.9843	52.00	2.0472	20.638	0.8125	26,400	34,800	5,930	7,830	1.02	0.040	1.02
5206	30.00	1.1810	62.00	2.4409	23.812	0.9375	40,200	54,100	9,040	12,200	1.02	0.040	1.02	0.040
5207	35.00	1.3780	72.00	2.8346	26.988	1.0625	50,200	68,100	11,300	15,300	1.02	0.040	1.02	0.040
5208	40.00	1.5748	80.00	3.1496	30.162	1.1875	63,800	91,900	14,300	20,700	1.02	0.040	1.52	0.060
5209	45.00	1.7717	85.00	3.3465	30.162	1.1875	69,200	106,000	15,600	23,800	1.02	0.040	1.52	0.060
5210	50.00	1.9685	90.00	3.5433	30.162	1.1875	70,400	112,000	15,800	25,100	1.02	0.040	1.52	0.060
5211	55.00	2.1654	100.00	3.9370	33.338	1.3125	85,300	138,000	19,200	30,900	1.52	0.060	2.03	0.080
5212	60.00	2.3622	110.00	4.3307	36.512	1.4375	110,000	173,000	24,700	38,900	1.52	0.060	2.03	0.080
5213	65.00	2.5591	120.00	4.7244	38.100	1.5000	119,000	197,000	26,800	44,400	1.52	0.060	2.54	0.100
5214	70.00	2.7559	125.00	4.9213	39.688	1.5625	133,000	223,000	29,900	50,100	1.52	0.060	2.54	0.100
5215	75.00	2.9528	130.00	5.1181	41.275	1.6250	145,000	252,000	32,500	56,600	1.52	0.060	2.54	0.100
5216	80.00	3.1496	140.00	5.5118	44.450	1.7500	164,000	283,000	36,800	63,700	2.03	0.080	2.54	0.100
5217	85.00	3.3465	150.00	5.9055	49.212	1.9375	201,000	354,000	45,300	79,700	2.03	0.080	3.18	0.125
5218	90.00	3.5433	160.00	6.2992	52.388	2.0625	227,000	396,000	51,000	89,100	2.03	0.080	3.18	0.125
5219	95.00	3.7402	170.00	6.6929	55.562	2.1875	260,000	457,000	58,500	103,000	2.03	0.080	3.18	0.125
5220	100.00	3.9370	180.00	7.0866	60.325	2.3750	293,000	520,000	65,900	117,000	2.03	0.080	3.96	0.156
5221	105.00	4.1339	190.00	7.4803	65.088	2.5625	327,000	588,000	73,400	132,000	2.03	0.080	3.96	0.156
5222	110.00	4.3307	200.00	7.8740	69.850	2.7500	356,000	653,000	79,900	147,000	2.03	0.080	3.96	0.156
5224	120.00	4.7244	215.00	8.4646	76.200	3.0000	432,000	827,000	97,200	186,000	2.03	0.080	4.75	0.187
5226	130.00	5.1181	230.00	9.0551	79.375	3.1250	462,000	852,000	104,000	192,000	2.54	0.100	4.75	0.187
5228	140.00	5.5118	250.00	9.8425	82.550	3.2500	573,000	1,090,000	129,000	244,000	2.54	0.100	4.75	0.187
5230	150.00	5.9055	270.00	10.6299	88.900	3.5000	668,000	1,290,000	150,000	289,000	2.54	0.100	6.35	0.250
5232	160.00	6.2992	290.00	11.4173	98.425	3.8750	775,000	1,490,000	174,000	336,000	2.54	0.100	6.35	0.250
5234	170.00	6.6929	310.00	12.2047	104.775	4.1250	900,000	1,740,000	202,000	391,000	3.18	0.125	6.35	0.250
5236	180.00	7.0866	320.00	12.5984	107.950	4.2500	870,000	1,690,000	195,000	379,000	3.18	0.125	6.35	0.250
5238	190.00	7.4803	340.00	13.3858	114.300	4.5000	1,080,000	2,170,000	242,000	489,000	3.18	0.125	7.92	0.312
5240	200.00	7.8740	360.00	14.1732	120.650	4.7500	1,200,000	2,450,000	270,000	551,000	3.18	0.125	7.92	0.312

5300 Series technical data[®]

Basic Bearing Number	A Bore Diameter		B Outside Diameter		C Width		Basic Load Rating	Static Load Rating	Basic Load Rating	Static Load Rating	R Outer		R Inner	
	mm	inches	mm	inches	mm	inches	N	N	pounds	pounds	mm	inches	mm	inches
	5305	25.00	0.9843	62.000	2.4409	25.400	1.0000	43,000	51,900	9,720	11,700	1.02	0.040	1.02
5306	30.00	1.1810	72.000	2.8346	30.162	1.1875	57,000	76,100	12,800	17,100	1.02	0.040	1.52	0.060
5307	35.00	1.3780	80.000	3.1496	34.925	1.3750	70,800	99,400	15,900	22,400	1.52	0.060	1.52	0.060
5308	40.00	1.5748	90.000	3.5433	36.512	1.4375	89,100	123,000	20,000	27,600	1.52	0.060	1.52	0.060
5309	45.00	1.7717	100.000	3.9370	39.688	1.5625	111,000	161,000	24,800	36,200	1.52	0.060	2.03	0.080
5310	50.00	1.9685	110.000	4.3307	44.450	1.7500	131,000	193,000	29,300	43,300	2.03	0.080	2.03	0.080
5311	55.00	2.1654	120.000	4.7244	49.212	1.9375	169,000	260,000	38,100	58,600	2.03	0.080	2.03	0.080
5312	60.00	2.3622	130.000	5.1181	53.975	2.1250	195,000	302,000	43,900	68,000	2.03	0.080	2.54	0.100
5313	65.00	2.5591	140.000	5.5118	58.738	2.3125	244,000	392,000	54,900	88,200	2.03	0.080	2.54	0.100
5314	70.00	2.7559	150.000	5.9055	63.600	2.5000	256,000	408,000	57,600	91,710	2.03	0.080	3.18	0.125
5315	75.00	2.9528	160.000	6.2992	68.262	2.6875	315,000	518,000	70,900	116,000	2.03	0.080	3.18	0.125
5316	80.00	3.1496	170.000	6.6929	68.262	2.6875	326,000	528,000	73,300	119,000	2.03	0.080	3.18	0.125
5317	85.00	3.3465	180.000	7.0866	73.025	2.8750	384,000	636,000	86,300	143,000	2.54	0.100	2.96	0.156
5318	90.00	3.5433	190.000	7.4803	73.025	2.8750	393,000	644,000	88,400	145,000	2.54	0.100	3.96	0.156
5319	95.00	3.7402	200.000	7.8740	77.788	3.0625	414,000	698,000	93,000	157,000	2.54	0.100	3.96	0.156
5320	100.00	3.9370	215.000	8.4646	82.550	3.2500	493,000	855,000	111,000	192,000	2.54	0.100	4.75	0.187
5321	105.00	4.1339	225.000	8.8583	87.312	3.4375	523,000	906,000	118,000	204,000	2.54	0.100	4.75	0.187
5322	110.00	4.3307	240.000	9.4488	92.075	3.6250	614,000	1,090,000	138,000	244,000	2.54	0.100	4.75	0.187
5324	120.00	4.7244	260.000	10.2362	104.775	4.1250	757,000	1,380,000	170,000	310,000	2.54	0.100	6.35	0.250
5326	130.00	5.1181	280.000	11.0236	111.125	4.3750	847,000	1,540,000	190,000	346,000	3.18	0.125	6.35	0.250
5328	140.00	5.5118	300.000	11.8110	114.300	4.5000	931,000	1,700,000	209,000	383,000	3.18	0.125	7.92	0.312

[®] Link-Belt 5200 and 5300 Series Cylindrical Roller Bearings are offered in the metric sizes listed above only; imperial sizes noted above are for reference.

To learn more about Link-Belt 5200 and 5300 Series Cylindrical Roller Bearings, and how they can support you in your application, call the Rexnord Bearing Technical Support team at 317-273-5781.