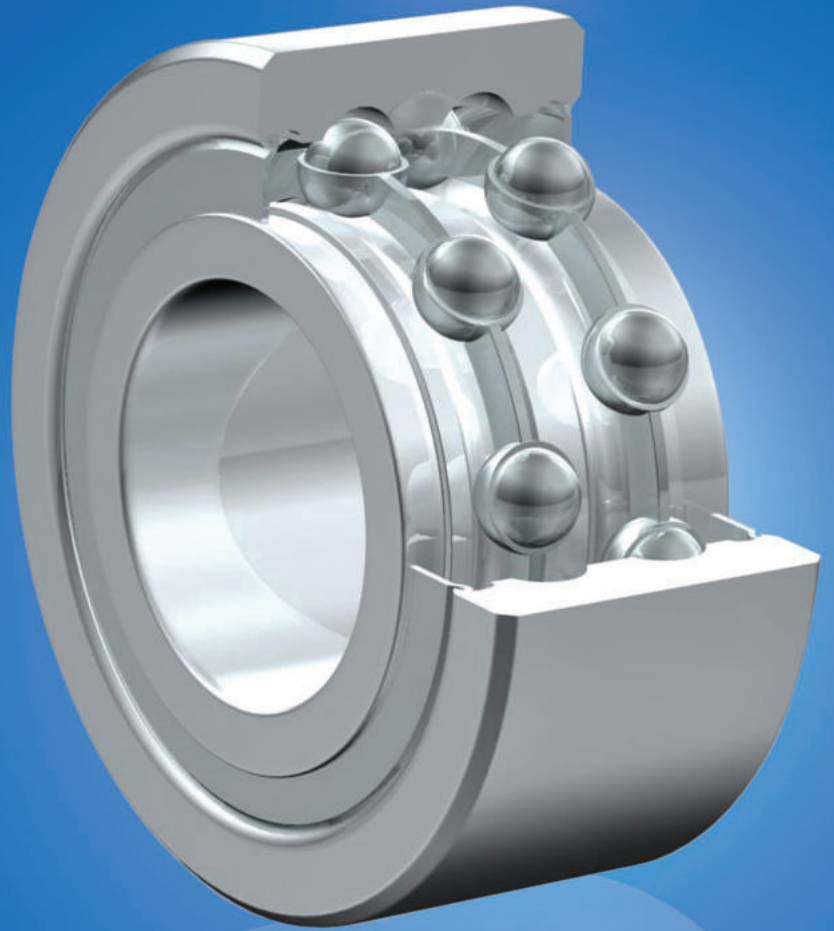


# ZON™

BEARINGS FOR YOUR FUTURE



Laufrolle der LR Serie / LR Series (track roller)





BEARINGS FOR YOUR FUTURE

**Zen Ball Bearings are manufactured to the highest quality for standard and non-standard applications. Our technical department can modify any non-standard bearings to your specific requirements, regardless of quantity.**

Apart from our extensive miniature ball bearing range of more than 1000 different types, ranging from 1-10 mm bore (Including inch dimensions), our range also includes Thin section, Three part thrust, Popular metric and any kind of non standard bearing. We are able to design bearings according to your requirements using new materials like ceramic or special steels for applications in Industry, Medicine, Chemistry and Food Processing.

Our technical department can modify any non-standard bearings to your specific requirements, even for small quantities.

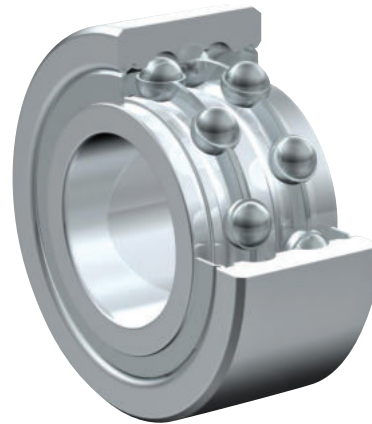
For any items not listed in our catalogue, please contact our experienced sales team.



Zen Ball Bearings Shanghai has been awarded the German ISO TUV Rheinland certification for inspection of ZEN products.

This certification is the highest standard a business in our industry can achieve. It is internationally recognised as a guarantee of quality, customer focus and continual improvement.

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### Laufrolle der LR Serie LR Series (track roller)



Ölschmierung  
Oil lubrication



Fettschmierung  
Grease lubrication



Geeignet für hohe tragzahlen  
Suitable for heavy load rating

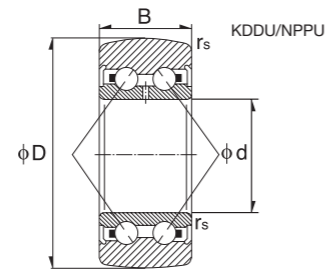
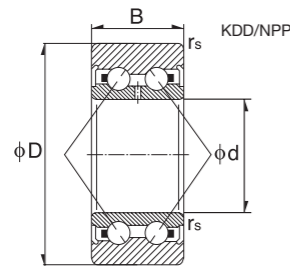
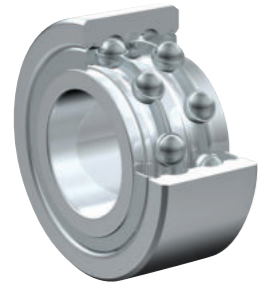


Gummidichtscheiben verfügbar  
Rubber seal option available



Metalldeckscheiben verfügbar  
Metal shield option available

# Laufrolle der LR Serie / LR Series (Track Rollers)



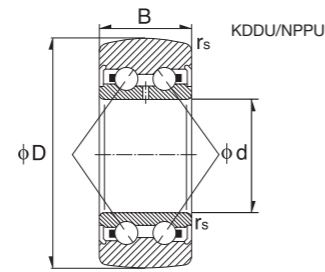
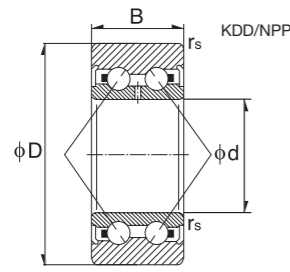
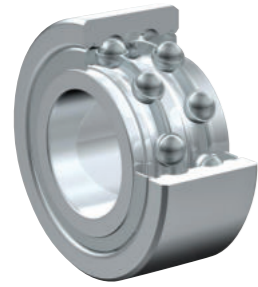
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Dimension (mm)			Designation/Type			
d	D	B	KDD	KDDU	NPP	NPPU
5.0	16.0	5.0	-	-	-	LR 605 NPPU
5.0	17.0	7.0	-	-	-	LR 50/5 NPPU
6.0	19.0	6.0	-	-	-	LR 606 NPPU
6.0	19.0	9.0	-	-	-	LR 50/6 NPPU
7.0	22.0	6.0	-	-	-	LR 607 NPPU
7.0	22.0	6.0	-	-	-	LR 607 NPP
7.0	22.0	10.0	-	-	-	LR 50/7 NPPU
8.0	24.0	7.0	-	-	-	LR 608 NPPU
8.0	24.0	7.0	-	-	-	LR 608 NPP
8.0	24.0	7.0	-	LR 608 KDDU	-	-
8.0	24.0	7.0	LR 608 KDD	-	-	-
8.0	24.0	11.0	-	-	-	LR 50/8 NPPU
10.0	28.0	8.0	-	-	-	LR 6000 NPPU
10.0	28.0	8.0	-	-	LR 6000 NPP	-
10.0	28.0	12.0	-	-	-	LR 5000 NPPU
10.0	32.0	9.0	-	-	LR 200 NPP	LR 200 NPPU
10.0	32.0	14.0	LR 5200 KDD	LR 5200 KDDU	-	LR 5200 NPPU
12.0	30.0	8.0	-	-	-	LR 6001 NPPU
12.0	30.0	8.0	-	-	LR 6001 NPP	-
12.0	30.0	12.0	-	-	-	LR 5001 NPPU
12.0	35.0	10.0	-	-	LR 201 NPP	LR 201 NPPU
12.0	35.0	15.9	LR 5201 KDD	LR 5201 KDDU	-	LR 5201 NPPU
12.0	42.0	19.0	-	-	-	LR 5301 NPPU
15.0	35.0	9.0	-	-	-	LR 6002 NPPU
15.0	35.0	13.0	-	-	-	LR 5002 NPPU

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* Load Rating		Radius	* Limiting Speed x1000rpm		Weight (g) approx.
C, dyn. N	C, stat. N		NPP(U)	KDD(U)	
1160	459	0.2	12.0	-	10 g
1650	950	0.2	12.0	-	10 g
1750	710	0.3	11.0	-	10 g
2650	1310	0.3	11.0	-	20 g
2020	790	0.3	10.0	-	10 g
2020	790	0.3	10.0	-	10 g
3300	1690	0.3	10.0	-	20 g
2650	1100	0.3	20.0	-	30 g
2650	1100	0.3	20.0	-	30 g
2650	1100	0.3	-	20.0	30 g
2650	1100	0.3	-	20.0	30 g
4200	2360	0.3	10.0	-	30 g
5000	2490	0.3	16.0	-	20 g
5000	2490	0.3	16.0	-	20 g
4750	2850	0.3	9.0	-	30 g
4350	2130	0.6	13.0	-	50 g
6800	4050	0.6	8.0	11.0	70 g
5300	2750	0.3	15.0	-	25 g
5300	2750	0.3	15.0	-	25 g
4950	3100	0.3	8.0	-	30 g
5600	2700	0.6	12.0	-	50 g
8600	5100	0.6	7.0	10.0	80 g
11300	7100	1.0	5.0	-	120 g
6900	3800	0.3	10.0	-	45 g
6500	4100	0.3	7.0	-	50 g

# Laufrolle der LR Serie / LR Series (Track Rollers)



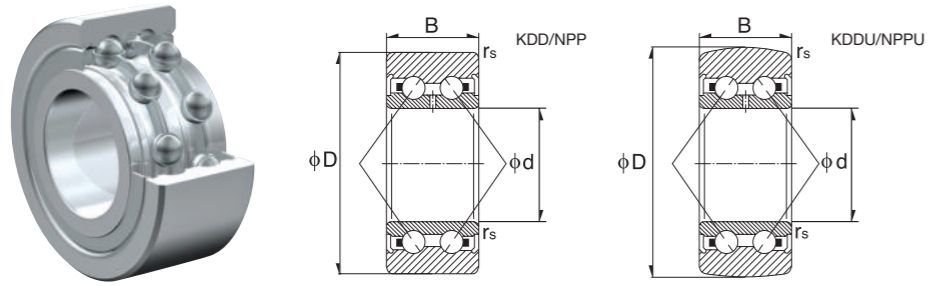
5

Dimension (mm)			Designation/Type			
d	D	B	KDD	KDDU	NPP	NPPU
15.0	40.0	11.0	-	-	LR 202 NPP	LR 202 NPPU
15.0	40.0	15.9	LR 5202 KDD	LR 5202 KDDU	-	LR 5202 NPPU
15.0	47.0	19.0	-	-	-	LR 5302 NPPU
17.0	40.0	14.0	-	-	-	LR 5003 NPPU
17.0	47.0	12.0	-	-	LR 203 NPP	LR 203 NPPU
17.0	47.0	17.5	LR 5203 KDD	LR 5203 KDDU	-	LR 5203 NPPU
17.0	52.0	22.2	-	-	-	LR 5303 NPPU
20.0	47.0	16.0	-	-	-	LR 5004 NPPU
20.0	52.0	14.0	-	-	LR 204 NPP	LR 204 NPPU
20.0	52.0	20.6	LR 5204 KDD	LR 5204 KDDU	-	LR 5204 NPPU
20.0	62.0	22.2	LR 5304 KDD	LR 5304 KDDU	-	LR 5304 NPPU
25.0	52.0	16.0	-	-	-	LR 5005 NPPU
25.0	62.0	15.0	-	-	LR 205 NPP	LR 205 NPPU
25.0	62.0	20.6	LR 5205 KDD	LR 5205 KDDU	-	LR 5205 NPPU
25.0	72.0	25.4	LR 5305 KDD	LR 5305 KDDU	-	LR 5305 NPPU
30.0	62.0	19.0	-	-	-	LR 5006 NPPU
30.0	72.0	16.0	-	-	LR 206 NPP	LR 206 NPPU
30.0	72.0	23.8	LR 5206 KDD	LR 5206 KDDU	-	LR 5206 NPPU
30.0	80.0	30.2	LR 5306 KDD	LR 5306 KDDU	-	LR 5306 NPPU
35.0	68.0	20.0	-	-	-	LR 5007 NPPU
35.0	80.0	17.0	-	-	LR 207 NPP	LR 207 NPPU
35.0	80.0	27.0	LR 5207 KDD	LR 5207 KDDU	-	LR 5207 NPPU
35.0	90.0	34.9	LR 5307 KDD	LR 5307 KDDU	-	LR 5307 NPPU
40.0	75.0	21.0	-	-	-	LR 5008 NPPU
40.0	85.0	18.0	-	-	LR 208 NPP	LR 208 NPPU

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* Load Rating		Radius	* Limiting Speed x1000rpm		Weight (g) approx.
C, dyn. N	C, stat. N		NPP(U)	KDD(U)	
6500	3300	0.6	11.0	-	70 g
9800	6200	0.6	7.0	10.0	110 g
14600	9200	1.0	5.0	-	150 g
7700	5200	0.3	6.0	-	70 g
8400	4400	0.6	9.0	-	110 g
12600	8200	0.6	5.5	7.0	170 g
17200	11100	0.6	4.7	-	210 g
11500	7700	0.6	5.5	-	120 g
10500	5600	1.0	8.0	-	150 g
15800	10500	1.0	5.0	7.0	230 g
21100	14500	1.1	4.5	6.5	340 g
11600	8100	0.6	4.7	-	150 g
12500	7100	1.0	7.0	-	230 g
18500	13000	1.1	4.5	6.5	340 g
27500	19500	1.1	3.9	5.5	500 g
15800	11800	1.0	4.0	-	250 g
16600	9600	1.0	5.5	-	330 g
24600	21400	1.0	3.5	5.0	510 g
36500	26500	1.1	3.1	4.3	670 g
17600	13100	1.0	4.3	-	300 g
20200	11900	1.1	4.5	-	400 g
30500	22400	1.1	2.8	3.9	660 g
44500	33000	1.5	2.5	3.6	970 g
18400	14600	1.0	3.1	-	370 g
22800	13600	1.1	4.0	-	450 g

## Laufrolle der LR Serie / LR Series (Track Rollers)



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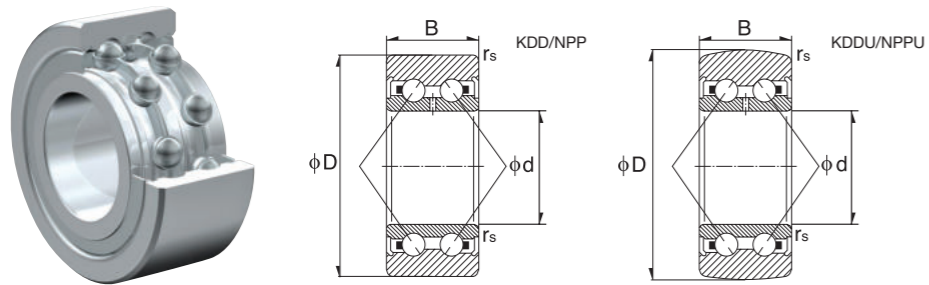
Dimension (mm)			Designation/Type			
d	D	B	KDD	KDDU	NPP	NPPU
40.0	85.0	30.2	LR 5208 KDD	LR 5208 KDDU	-	LR 5208 NPPU
40.0	100.0	36.5	LR 5308 KDD	LR 5308 KDDU	-	LR 5308 NPPU
45.0	90.0	19.0	-	-	LR 209 NPP	LR 209 NPPU



* Load Rating		Radius	* Limiting Speed x1000rpm		Weight (g) approx.
C, dyn. N	C, stat. N		NPP(U)	KDD(U)	
34500	25500	1.1	2.5	3.5	750 g
56000	4200	1.5	2.3	3.3	1200 g
22500	13700	1.1	3.6	-	500 g

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## Rostfreie Laufrolle der LR Serie / Stainless Steel LR Series (Track Rollers)



Dimension (mm)			Designation/Type			
d	D	B	KDD	KDDU	NPP	NPPU
12.0	35.0	15.9	-	-	-	SLR 5201 NPPU
15.0	40.0	11.0	-	-	-	SLR 202 NPPU
15.0	40.0	15.9	-	-	-	SLR 5202 NPPU
17.0	47.0	17.5	-	-	-	SLR 5203 NPPU
20.0	52.0	20.6	-	-	-	SLR 5204 NPPU
25.0	62.0	15.0	-	-	SLR 205 NPP	-
25.0	62.0	15.0	-	-	-	SLR 205 NPPU



* Load Rating		Radius	* Limiting Speed x1000rpm		Weight (g) approx.
C, dyn. N	C, stat. N		NPP(U)	KDD(U)	
8200	4900	0.6	7.0	-	80 g
5200	2640	0.6	11.0	-	70 g
9000	5800	0.6	7.0	-	110 g
12100	8000	0.6	5.5	-	170 g
16000	10600	1.0	5.0	-	230 g
10000	5680	1.0	7.0	-	230 g
10000	5680	1.0	7.0	-	230 g

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