

# ZON™

BEARINGS FOR YOUR FUTURE



Zylinderrollenlager (NNF-Serie) / NNF Bearings





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.



### **Vollrollige Zylinderrollenlager NNF Double Row Full Compliment Cylindrical Roller Bearings**



Fettschmierung  
Grease lubrication



Geeignet für hohe tragzahlen  
Suitable for heavy load rating



Gummidichtscheiben verfügbar  
Rubber seal option available



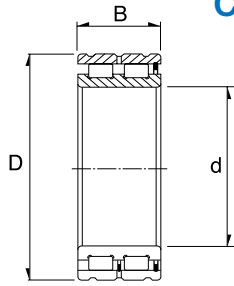
Zen Ball Bearings Shanghai has been awarded the German ISO TUV Rheinland certification for inspection of ZEN products.

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.

[www.zen.biz](http://www.zen.biz)

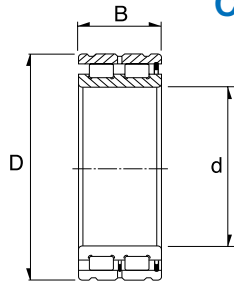
# Vollrollige Zylinderrollenlager / NNF Double Row Full Compliment Cylindrical Roller



3

Dimension (mm)			Designation/Type	Alternative Designation/Type	Basic Load Rating kN		Limiting Speed x1000rpm	Weight (kg)
d	D	B			Cr	Co		
40	68	38	NNF 5008PP	SL04 5008 PP 2NR	79.5	116	2500	0.552
45	75	40	NNF 5009PP	SL04 5009 PP 2NR	95.5	144	2200	0.688
50	80	40	NNF 5010PP	SL04 5010 PP 2NR	100	158	2000	0.752
55	90	46	NNF 5011PP	SL04 5011 PP 2NR	118	193	1800	1.12
60	95	46	NNF 5012PP	SL04 5012 PP 2NR	123	208	1700	1.20
65	100	46	NNF 5013PP	SL04 5013 PP 2NR	128	224	1500	1.27
70	110	54	NNF 5014PP	SL04 5014 PP 2NR	171	285	1400	1.87
75	115	54	NNF 5015PP	SL04 5015 PP 2NR	197	325	1300	1.97
80	125	60	NNF 5016PP	SL04 5016 PP 2NR	205	350	1300	2.66
85	130	60	NNF 5017PP	SL04 5017 PP 2NR	214	380	1200	2.79
90	140	67	NNF 5018PP	SL04 5018 PP 2NR	305	540	1100	3.71
95	145	67	NNF 5019PP	SL04 5019 PP 2NR	310	560	1100	3.87
100	150	67	NNF 5020PP	SL04 5020 PP 2NR	330	580	1000	4.03
110	170	80	NNF 5022PP	SL04 5022 PP 2NR	385	695	910	7.00
120	180	80	NNF 5024PP	SL04 5024 PP 2NR	400	750	830	7.50
130	200	95	NNF 5026PP	SL04 5026 PP 2NR	535	1000	770	11.4
140	210	95	NNF 5028PP	SL04 5028 PP 2NR	600	1120	710	12.1
155	225	100	NNF 5030PP	SL04 5030 PP 2NR	690	1290	670	14.6
160	240	109	NNF 5032PP	SL04 5032 PP 2NR	720	1390	630	18.2
170	260	122	NNF 5034PP	SL04 5034 PP 2NR	925	1790	590	24.6
180	280	136	NNF 5036PP	SL04 5036 PP 2NR	1090	2140	560	32.3
190	290	136	NNF 5038PP	SL04 5038 PP 2NR	1120	2230	530	33.7
200	310	150	NNF 5040PP	SL04 5040 PP 2NR	1310	2650	500	43.5
220	340	160	NNF 5044PP	SL04 5044 PP 2NR	1640	3300	450	55.5
240	360	160	NNF 5048PP	SL04 5048 PP 2NR	1710	3550	420	59.5
260	400	190	NNF 5052PP	SL04 5052 PP 2NR	2130	4500	380	90.7
280	420	190	NNF 5056PP	SL04 5056 PP 2NR	2170	4700	360	96.2
300	460	218	NNF 5060PP	SL04 5060 PP 2NR	2670	5850	330	137
320	480	218	NNF 5064PP	SL04 5064 PP 2NR	2720	6100	310	144
340	520	243	NNF 5068PP	SL04 5068 PP 2NR	3650	8000	290	194

# Vollrollige Zylinderrollenlager / NCF Double Row Full Compliment Cylindrical Roller



4

Dimension (mm)			Designation/Type	Alternative Designation/Type	Basic Load Rating kN		Limiting Speed x1000rpm	Weight (kg)
d	D	B			Cr	Co		
20	42	30	NCF 5004-2LSV	SL18 5004 LSV	47.5	53	9000	0.2
25	47	30	NCF 5005-2LSV	SL18 5005 PP	54	65	7500	0.23
30	55	34	NCF 5006-2LSV	SL18 5006 PP	70	86	6500	0.35
35	62	36	NCF 5007-2LSV	SL18 5007 PP	85	109	5500	0.46
40	68	38	NCF 5008-2LSV	SL18 5008 PP	101	136	5000	0.56
45	75	40	NCF 5009-2LSV	SL18 5009 PP	108	151	4600	0.71
50	80	40	NCF 5010-2LSV	SL18 5010 PP	131	184	4300	0.76
55	90	46	NCF 5011-2LSV	SL18 5011 PP	179	270	3700	1.16
60	85	25	NCF 4912-2LSV	SL18 4912 PP	67	115	3700	0.48
60	95	46	NCF 5012-2LSV	SL18 5012 PP	184	280	3500	1.24
65	100	46	NCF 5013-2LSV	SL18 5013 PP	194	310	3200	1.32
70	100	30	NCF 4914-2LSV	SL18 4914 PP	103	178	3200	0.78
70	110	54	NCF 5014-2LSV	SL18 5014 PP	229	340	3100	1.85
75	115	54	NCF 5015-2LSV	SL18 5015 PP	242	375	2800	1.93
80	110	30	NCF 4916-2LSV	SL18 4916 PP	109	199	2900	0.88
80	125	60	NCF 5016-2LSV	SL18 5016 PP	295	450	2600	2.59
85	130	60	NCF 5017-2LSV	SL18 5017 PP	305	470	2500	2.72
90	125	35	NCF 4918-2LSV	SL18 4918 PP	149	280	2500	1.35
90	140	67	NCF 5018-2LSV	SL18 5018 PP	355	560	2300	3.62
100	140	40	NCF 4920-2LSV	SL18 4920 PP	191	370	2200	1.95
100	150	67	NCF 5020-2LSV	SL18 5020 PP	375	610	2200	3.94
110	150	40	NCF 4922-2LSV	SL18 4922 PP	198	400	2100	2.15
110	170	80	NCF 5022-2LSV	SL18 5022 PP	490	790	2000	6.32
120	165	45	NCF 4924-2LSV	SL18 4924 PP	222	440	1900	2.95
120	180	80	NCF 5024-2LSV	SL18 5024 PP	520	870	1800	6.77

[www.zen.biz](http://www.zen.biz)

Alle Rechte vorbehalten, kein Teil des Katalogs darf in irgendeiner Form (Druck, Fotokopie, Mikrofilm oder in einem anderen Verfahren) ohne Genehmigung reproduziert oder unter Verwendung elektronischer Systeme verarbeitet, vervielfältigt oder verbreitet werden.

Copyright reserved. No part of the catalogue is to be copied, extracted or modified without explicit permission from the copyright holder.

v.10 / 12



Bearings for your future