

As the high load character and wide application of cylindrical roller bearings. The selection of Material, clearance, tolerance is key to get the exact products. So before enquiry, please read the technical data we provide in catalog.

Our joint factory is an authorized enterprise with ISO 9002 and TS 16949 certificate, Specialized in designing, developing, manufacturing precision cylindrical roller bearings for OEM user. Factory covering 53000 square meters, 280 employees including the 12 engineers R&D, has old history in china bearing industry.

### Catalog Index:

Instruction of IXIN cylindrical roller bearings

Single row cylindrical roller bearings

Double row cylindrical roller bearings

Four row cylindrical roller bearings

Full complement cylindrical roller bearings-Single row

Full complement cylindrical roller bearings-Double row



### Technical Description

**Structure:** Single row, double, four row types, with cages and full complements. cages is stamping steel, brass, reinforced Nylon.

### Materials:

BEARING STEEL INTERCHANGE								
China	Russia	U.S.A			Germany	Japan	U.K	France
GB,YB	ГОСТ	ASTM	AISI	SAE	DIN / VDEh	JIS	BS	NF
GCr6	ШХ6	E50100		50100	105Cr2(1.3501)			100C3
GCr9	ШХ9	E51100	51100	51100	105Cr4(1.3503)	SUJ1	534A99	100C5
GCr15	ШХ15	E52100	52100	52100	100Cr6(1.3505)	SUJ2	534A99	100C6
GCr9SiMn		A485-Gr.1				SUJ3		
GCr15SiMn	ШХ15СГ				100CrMn6(1.3520)			

BEARING STEEL COMPOSTION						
Chrome Steel (China YB/T1—1980)						
Steel No.	Composition					
	C	Mn	Si	P	S	Cr
GCr9	1.00~1.10	0.25~0.45	0.15~0.35	≤0.025	≤0.025	0.90~1.20
GCr9SiMn	1.00~1.10	0.95~1.25	0.45~0.75	≤0.025	≤0.025	0.90~1.20
GCr15	0.95~1.05	0.25~0.45	0.15~0.35	≤0.025	≤0.025	1.40~1.65
GCr15iMn	0.95~1.05	0.95~1.25	0.45~0.75	≤0.025	≤0.025	1.40~1.65

## Cylindrical roller bearings

Cementite Bearing Steel (China GB/T3203—1982)									
Steel No.	Composition								
	C	Mn	Si	P	S	Cr	Ni	Mo	Cu
G20CrMo	0.17~0.23	0.65~0.95	0.20~0.35	≤0.030	≤0.030	0.35~0.65	—	0.08~0.15	0.25
G20CrNiMo	0.17~0.23	0.60~0.90	0.15~0.40	≤0.030	≤0.030	0.35~0.65	0.40~0.70	0.15~0.30	0.25
G20CrNi2Mo	0.17~0.23	0.40~0.70	0.15~0.40	≤0.030	≤0.030	0.35~0.65	1.60~2.00	0.20~0.30	0.25
G20CrNi4	0.17~0.23	0.30~0.60	0.15~0.40	≤0.030	≤0.030	1.25~1.75	3.25~3.75	—	0.25

**Accuracy:** P0,P6,P5,P4 refer to general data

Dimensional tolerance and geometrical accuracy is based on GB/T307.(ISO 492,DIN620)

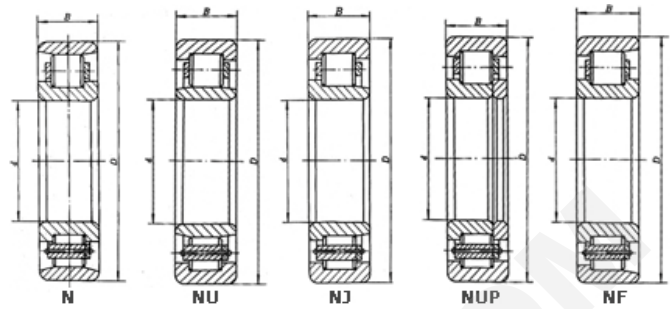
Cylindrical roller precision grade is III (ISO GB/T4661).

**Clearance:**

Clearance of radial cylindrical roller bearings (um)-China GB/T 4604 (ISO 5753)											
D (mm)		C2		C0		C3		C4		C5	
From	To	min	max	min	max	min	max	min	max	min	max
	10	0	25	20	45	35	60	50	75	—	—
10	24	0	25	20	45	35	60	50	75	65	90
24	30	0	25	20	45	35	60	50	75	70	95
30	40	5	30	25	50	45	70	60	85	80	105
40	50	5	35	30	60	50	80	70	100	95	125
50	65	10	40	40	70	60	90	80	110	110	140
65	80	10	45	40	75	65	100	90	125	130	165
80	100	15	50	50	85	75	110	105	140	155	190
100	120	15	55	50	90	85	125	125	165	180	220
120	140	15	60	60	105	100	145	145	190	200	245
140	160	20	70	70	120	115	165	165	215	225	275
160	180	25	75	75	125	120	170	170	220	250	300
180	200	35	90	90	145	140	195	195	250	275	330
200	225	45	105	105	165	160	220	220	280	305	365
225	250	45	110	110	175	170	235	235	300	330	395
250	280	55	125	125	195	190	260	260	330	370	440
280	315	55	130	130	205	200	275	275	350	410	485
315	355	65	145	145	225	225	305	305	385	455	535
355	400	100	190	190	280	280	370	370	460	510	600
400	450	110	210	210	310	310	410	410	510	565	665
450	500	110	220	220	330	330	440	440	550	625	735

### Single row cylindrical roller bearings

Tolerance adopt China GB/T307-1994 standard  
(Equal to ISO 492,DIN 620)



Bearing No.					Dimension (mm)					Load rating(KN)		Limiting speed		Mass
NU	NJ	NUP	N	NF	d	D	B	rmin1	rmin2	Cr	Cor	grease	oil	(kg)
NU202	NJ 202	NUP203	--	--	15	35	11	0.6	0.3	10.5	8.9	20000	22000	0.049
NU203	NJ 203	NUP203	N203	NF203	17	40	12	0.6	0.3	11.4	9.1	16000	19000	0.07
NU2203E	NJ2203E				40	16	0.6	0.3	22.8	20.3	13800	16400	0.095	
NU204	NJ204	NUP204	N204	NF204	20	47	14	1	0.6	16.6	13.9	17000	20000	0.11
NU204E	NJ204E	NUP204E	--	--	47	14	1	0.6	25.7	22.6	15000	18000		
NU2204	NJ2204	NUP2204	N2204	--	47	18	1	0.6	22.2	20.3	15000	18000	0.14	
NU2204E	NJ2204E	NUP2204E	N304	--	47	18	1	0.6	30.5	28.3	14000	16000		
NU304	NJ30	NUP304	--	304	52	15	1.1	0.6	23.1	19.2	14000	17000	0.17	
NU304E	NJ304E	NUP304E	N2304	--	52	15	1.1	0.6	31.5	26.9	13000	15000		
NU2304	NJ2304	NUP2304	--	--	52	21	1.1	0.6	33	30	13000	15000	0.21	
NU2304E	NJ2304E	NUP2304E	N1005	--	52	21	1.1	0.6	42	39	12000	14000		
NU1005	NJ1005	NUP1005	N205	--	25	47	12	0.6	0.3	15.1	14.1	16000	19000	0.084
NU205	NJ205	NUP205	--	205	52	15	1	0.6	18.8	17	14000	16000		
NU205E	NJ205E	NUP205E	N2205	--	52	15	1	0.6	29.3	27.7	13000	15000	0.15	
NU2205	NJ2205	NUP2205	--	--	52	18	1	0.6	25.1	24.7	13000	15000		
NU2205E	NJ2205E	NUP2205E	N305	--	52	18	1	0.6	35	34.5	11000	13000	0.18	
NU305	NJ305	NUP305	--	305	62	17	1.1	1.1	31.5	27.7	12000	14000		
NU305E	NJ305E	NUP305E	N2305	--	62	17	1.1	1.1	41.5	37.5	11000	13000	0.29	
NU2305	NJ2305	NUP2305	--	--	62	24	1.1	1.1	46	45	11000	12000		
NU2305E	NJ2305E	NUP2305E	N405	--	62	24	1.1	1.1	57	56	9700	11000	0.39	
NU405	NJ405	NUP405	N1006	405	80	21	1.5	1.5	46.5	40	8500	10000		
NU1006	NJ1006	NUP1006	N206	--	30	55	13	1	0.6	19.7	19.6	14000	16000	0.12
NU206	NJ206	NUP206	--	206	62	16	1	0.6	24.9	23.3	12000	14000		
NU206E	NJ206E	NUP206E	N2206	--	62	16	1	0.6	39	37.5	11000	13000	0.24	
NU2206	NJ2206	NUP2206	--	--	62	20	1	0.6	35	36	11000	13000		
NU2206E	NJ2206E	NUP2206E	--	--	62	20	1	0.6	49	50	9700	11000	0.29	
NU306	NJ306	NUP306	N306	306	72	19	1.1	1.1	38.5	35	10000	12000		
NU306E	NJ306E	NUP306E	N2306	--	72	19	1.1	1.1	53	50	9300	11000	0.44	
NU2306	NJ2306	NUP2306	--	--	72	27	1.1	1.1	51.5	51	9000	11000		
NU2306E	NJ2306E	NUP2306E	--	--	72	27	1.1	1.1	74.5	77.5	8300	9700	0.57	
NU1007	NJ1007	NUP1007	N1007		35	62	14	35	62	14	1	0.6	22.6	0.16
NU406	NJ406	NUP406	N406	NF406	90	23	1.5	1.5	62.5	55	7300	8500	0.75	
NU207	NJ207	NUP207	--	NF207	72	17	1	0.6	35.5	34	11000	12000	0.31	
NU207E	NJ207E	NUP207E	N2207	--	72	17	1	0.6	50.5	50	9500	11000		

## Cylindrical roller bearings

Bearing No.					Dimension (mm)				Load rating(KN)		Limiting speed		Mass	
NU	NJ	NUP	N	NF	d	D	B	r <sub>min1</sub>	r <sub>min2</sub>	Cr	Cor	grease	oil	(kg)
NU2207	NJ2207	NUP2207	--	--	72	23		1	0.6	52	55.5	9500	11000	
NU2207E	NJ2207E	NUP2207E	N307	--	72	23		1	0.6	61.5	65.5	8500	10000	0.44
NU307	NJ307	NUP307	--	NF307	80	21		1.1	1.1	49.5	47	9000	11000	
NU307E	NJ307E	NUP307E	N2307	--	80	21		1.1	1.1	71	71	8100	9600	0.59
NU2307	NJ2307	NUP2307	--	--	80	31		1.1	1.1	64.5	65.5	7900	9300	
NU2307E	NJ2307E	NUP2307E	N407	--	80	21		1.1	1.1	99	109	7200	8500	0.73
NU407	NJ407	NUP407	--	NF407	100	25		1.5	1.5	75.5	69	6400	7500	1.07
NU1008	NJ1008	NUP1008	N1008	--	40	68	15	1	0.6	27.3	29	11000	13000	0.22
NU208	NJ208	NUP208	N208	NF208	80	18		1.1	1.1	43.5	43	9400	11000	
NU208E	NJ208E	NUP208E	--	--	80	18		1.1	1.1	55.5	55.5	8500	10000	0.43
NU2208	NJ2208	NUP2208	N2208	--	80	23		1.1	1.1	58	62	8500	10000	
NU2208E	NJ2208E	NUP2208E	--	--	80	23		1.1	1.1	72.5	77.5	7600	8900	0.58
NU308	NJ308	NUP308	N308	NF308	90	23		1.5	1.5	58.5	57	8000	9400	
NU308E	NJ308E	NUP308E	--	--	90	23		1.5	1.5	83	81.5	7200	8500	0.68
NU2308	NJ2308	NUP2308	N2308	--	90	33		1.5	1.5	82.5	88	7000	8200	
NU2308E	NJ2308E	NUP2308E	--	--	90	33		1.5	1.5	114	122	6400	7500	1.04
NU408	NJ408	NUP408	N408	NF408	110	27		2	2	95.5	89	5700	6700	1.45
NU1009	NJ1009	NUP1009	N1009	--	45	75	16	1	0.6	31	34	9900	12000	0.27
NU209	NJ209	NUP209	N209	NF209	85	19		1.1	1.1	46	47	8400	9900	
NU209E	NJ209E	NUP209E	--	--	85	19		1.1	1.1	63	66.5	7600	9000	0.49
NU2209	NJ2209	NUP2209	N2209	--	85	23		1.1	1.1	61.5	68	7600	9000	
NU2209E	NJ2209E	NUP2209E	--	--	85	23		1.1	1.1	76	84.5	6800	8000	0.54
NU309	NJ309	NUP309	N309	NF309	100	25		1.5	1.5	79	77.5	7200	5400	
NU309E	NJ309E	NUP309E	--	--	100	25		1.5	1.5	97.5	98.5	6500	7600	1.13
NU2309	NJ2309	NUP2309	N2309	--	100	36		1.5	1.5	106	11	6300	7400	
NU2309E	NJ2309E	NUP2309E	--	--	100	36		1.5	1.5	137	153	5700	6800	1.45
NU409	NJ409	NUP409	N409	NF409	120	29		2	2	115	112	5100	6000	1.7
NU1010	NJ1010	NUP1010	N1010	--	50	80	16	1	0.6	32	36	8900	11000	0.35
NU210	NJ210	NUP210	N210	NF210	90	20		1.1	1.1	50.5	54.5	7600	9000	
NU210E	NJ210E	NUP210E	--	--	90	20		1.1	1.1	66	72	6900	8100	0.50
NU2210	NJ2210	NUP2210	N2210	--	90	23		1.1	1.1	67.5	78.5	6900	8100	
NU2210E	NJ2210E	NUP2210E	--	--	90	23		1.1	1.1	79.5	91.5	6200	7300	0.62
NU310	NJ310	NUP310	N310	NF310	110	27		2	2	87	86	6500	7700	
NU310E	NJ310E	NUP310E	--	--	110	27		2	2	110	113	5900	6900	1.15
NU2310	NJ2310	NUP2310	N2310	--	110	40		2	2	121	131	5700	6700	
NU2310E	NJ2310E	NUP2310E	--	--	110	40		2	2	163	187	5200	6100	2
NU410	NJ410	NUP410	N410	NF411	130	31		2.1	2.1	139	136	4700	5500	2.05
NU1011	NJ1011	NUP1011	N1011	--	55	90	18	1.1	1	37.5	44	8200	9700	0.42
NU211	NJ211	NUP211	N211	NF211	100	21		1.5	1.1	61	66.5	6900	8200	
NU211E	NJ211E	NUP211E	--	--	100	21		1.5	1.1	82.5	93	6300	7400	0.73
NU2211	NJ2211	NUP2211	N2211	--	100	25		1.5	1.1	79	93	6300	7400	
NU2211E	NJ2211E	NUP2211E	--	--	100	25		1.5	1.1	97	114	5600	6600	0.87
NU311	NJ311	NUP311	N311	NF311	120	29		2	2	111	111	5900	7000	
NU311E	NJ311E	NUP311E	--	--	120	29		2	2	137	143	5300	6300	1.57

## Cylindrical roller bearings

Bearing No.					Dimension (mm)					Load rating(KN)		Limiting speed		Mass
NU	NJ	NUP	N	NF	d	D	B	r <sub>min1</sub>	r <sub>min2</sub>	Cr	Cor	grease	oil	(kg)
NU2311	NJ2311	NUP2311	N2311	--	55	120	43	2	2	148	162	5200	6100	
NU2311E	NJ2311E	NUP2311E	--	--		120	43	2	2	201	233	4700	5600	2.43
NU411	NJ411	NUP411	N411	NF411		140	33	2.1	2.1	139	138	4300	5000	2.55
NU1012	NJ1012	NUP1012	N1012	--	60	95	18	1.1	1	40	48.5	7500	8800	0.48
NU212	NJ212	NUP212	N212	NF212		110	22	1.5	1.5	72	80	6400	7600	
NU212E	NJ212E	NUP212E	--	--		110	22	1.5	1.5	97.5	107	5800	6800	0.83
NU2212	NJ2212	NUP2212	N2212	--		110	28	1.5	1.5	101	123	5800	6800	
NU2212E	NJ2212E	NUP2212E	--	--		110	28	1.5	1.5	131	157	5200	6100	1.2
NU312	NJ312	NUP312	N312	NF312		130	31	2.1	2.1	124	126	5500	6500	
NU312E	NJ312E	NUP312E	--	--		130	31	2.1	2.1	150	157	4900	5800	1.9
NU2312	NJ2312	NUP2312	N2312	--		130	46	2.1	2.1	169	188	4800	5700	
NU2312E	NJ2312E	NUP2312E	--	--		130	46	2.1	2.1	222	262	4400	5200	3.2
NU412	NJ412	NUP412	N412	NF412		150	35	2.1	2.1	167	168	3900	4600	3.1
NU1013	NJ1013	NUP1013	N1013	--	65	100	18	1.1	1.1	41	51	7000	8200	0.51
NU213	NJ213	NUP213	N213	NF213		120	23	1.5	1.5	84	94.5	5900	7000	
NU213E	NJ213E	NUP213E	--	--		120	23	1.5	1.5	108	119	5400	6300	1.16
NU2213	NJ2213	NUP2213	N2213	--		120	31	1.5	1.5	120	149	5400	6300	
NU2213E	NJ2213E	NUP2213E	--	--		120	31	1.5	1.5	149	181	4800	5600	1.45
NU313	NJ313	NUP313	N313	NF313		140	33	2.1	2.1	135	139	5100	6000	
NU313E	NJ313E	NUP313E	--	--		140	33	2.1	2.1	181	191	4600	5400	2.5
NU2313	NJ2313	NUP2313	N2313	--		140	48	2.1	2.1	188	212	4400	5200	
NU2313E	NJ2313E	NUP2313E	--	--		140	48	2.1	2.1	248	287	4100	4800	3.45
NU413	NJ413	NUP413	N413	NF413		160	37	2.1	2.1	195	202	3600	4300	3.65
NU1014	NJ1014	NUP1014	N1014	--	70	110	20	1.1	1.1	58.5	70.5	6500	7600	0.8
NU214	NJ214	NUP214	N214	NF214		125	24	1.5	1.5	87.5	101	5500	6500	
NU214E	NJ214E	NUP214E	--	--		125	24	1.5	1.5	119	137	5000	5900	1.25
NU2214	NJ2214	NUP2214	N2214	--		125	31	1.5	1.5	125	160	5000	5900	
NU2214E	NJ2214E	NUP2214E	--	--		125	31	1.5	1.5	156	194	4500	5200	1.75
NU314	NJ314	NUP314	N314	NF314		150	35	2.1	2.1	158	168	4700	5500	
NU314E	NJ314E	NUP314E	--	--		150	35	2.1	2.1	205	222	4200	5000	2.8
NU2314	NJ2314	NUP2314	N2314	--		150	51	2.1	2.1	223	262	4100	4800	
NU2314E	NJ2314E	NUP2314E	--	--		150	51	2.1	2.1	274	325	3800	4400	4.35
NU414	NJ414	NUP414	N414	NF414		180	42	3	3	243	257	3400	4000	5.35
NU1015	NJ1015	NUP1015	N1015	--	75	115	20	1.1	1.1	60	74.5	6100	7100	0.74
NU215	NJ215	NUP215	N215	NF215		130	25	1.5	1.5	101	118	5100	6000	
NU215E	NJ215E	NUP215E	--	--		130	25	1.5	1.5	130	156	4700	5500	1.35
NU2215	NJ2215	NUP2215	N2215	--		130	31	1.5	1.5	136	172	4700	5500	
NU2215E	NJ2215E	NUP2215E	--	--		130	31	1.5	1.5	162	207	4200	4900	1.65
NU315	NJ315	NUP315	N315	NF315		160	37	2.1	2.1	190	205	4400	5200	
NU315E	NJ315E	NUP315E	--	--		160	37	2.1	2.1	240	263	4000	4700	3.65
NU2315	NJ2315	NUP2315	N2315	--		160	55	2.1	2.1	274	325	3800	4500	
NU2315E	NJ2315E	NUP2315E	--	--		160	55	2.1	2.1	330	395	3500	4100	5.1
NU415	NJ415	NUP415	N415	NF415		190	45	3	3	262	274	3200	3700	6.25
NU1016	NJ1016	NUP1016	N1016	--	80	125	22	1.1	1	72.5	90.5	5700	6700	1.1

## Cylindrical roller bearings

Bearing No.					Dimension (mm)					Load rating(KN)		Limiting speed		Mass
NU	NJ	NUP	N	NF	d	D	B	rsm1	rsm2	Cr	Cor	grease	oil	(kg)
NU216	NJ216	NUP216	N216	NF216	80	140	26	2	2	111	130	4800	5700	
NU216E	NJ216E	NUP216E	--	--		140	26	2	2	139	167	4400	5100	1.65
NU2216	NJ2216	NUP2216	N2216	--		140	33	2	2	154	198	4400	5100	
NU2216E	NJ2216E	NUP2216E	--	--		140	33	2	2	186	243	3900	4600	2.05
NU316	NJ316	NUP316	N316	NF316		170	39	2.1	2.1	201	223	4100	4800	
NU316E	NJ316E	NUP316E	--	--		170	39	2.1	2.1	256	282	3700	4400	4.1
NU2316	NJ2316	NUP2316	N2316	--		170	58	2.1	2.1	274	330	3600	4200	
NU2316E	NJ2316E	NUP2316E	--	--		170	58	2.1	2.1	355	430	3300	3900	6
NU416	NJ416	NUP416	N416	NF416		200	48	3	3	299	315	3000	3500	7.45
NU1017	NJ1017	NUP1017	N1017	--	85	130	22	1.1	1.1	74.5	95.5	5400	6300	1.05
NU217	NJ217	NUP217	N217	NF217		150	28	2	2	126	149	4500	5300	
NU217E	NJ217E	NUP217E	--	--		150	28	2	2	167	199	4100	4800	2.15
NU2217	NJ2217	NUP2217	N2217	--		150	36	2	2	178	232	4100	4800	
NU2217E	NJ2217E	NUP2217E	--	--		150	36	2	2	217	279	3700	4300	2.55
NU317	NJ317	NUP317	N317	NF317		180	41	3	3	225	247	3900	4600	
NU317E	NJ317E	NUP317E	--	--		180	41	3	3	291	330	3500	4100	5.1
NU2317	NJ2317	NUP2317	N2317	--		180	60	3	3	315	380	3400	4000	
NU2317E	NJ2317E	NUP2317E	--	--		180	60	3	3	395	485	3100	3700	6.85
NU417	NJ417	NUP417	N417	NF417		210	52	4	4	335	350	2800	3300	8.9
NU1018	NJ1018	NUP1018	N1018	--	90	140	24	1.5	1.5	88	114	5100	5900	1.35
NU218	NJ218	NUP218	N218	NF218		160	30	2	2	152	178	4300	5000	
NU218E	NJ218E	NUP218E	--	--		160	30	2	2	182	217	3900	4600	2.35
NU2218	NJ2218	NUP2218	N2218	--		160	40	2	2	207	265	3900	4600	
NU2218E	NJ2218E	NUP2218E	--	--		160	40	2	2	242	315	3500	4100	3.5
NU318	NJ318	NUP318	N318	NF318		190	43	3	3	240	265	3700	4300	
NU318E	NJ318E	NUP318E	--	--		190	43	3	3	315	355	3300	3900	5.85
NU2318	NJ2318	NUP2318	N2318	--		190	64	3	3	325	395	3200	3800	
NU2318E	NJ2318E	NUP2318E	--	--		190	64	3	3	435	535	2900	3400	8.15
NU418	NJ418	NUP418	N418	NF418		225	54	4	4	375	400	2600	3100	10.5
NU1019	NJ1019	NUP1019	N1019	--		145	24	1.5	1.5	90.5	120	4800	5600	1.4
NU219	NJ219	NUP219	N219	NF219		170	32	2.1	2.1	166	195	4000	4700	
NU219E	N219E	NUP219E	--	--		170	32	2.1	2.1	220	265	3600	4300	2.9
NU2219	NJ2219	NUP2219	N2219	--		170	43	2.1	2.1	230	298	3600	4300	
NU2219E	NJ2219E	NUP2219E	--	--		170	43	2.1	2.1	286	370	3300	3800	3.95
NU319	NJ319	NUP319	N319	NF319		200	45	3	3	274	310	3400	4000	
NU319E	NJ319E	NUP319E	--	--		200	45	3	3	335	385	3100	3600	6.25
NU2319	NJ2319	NUP2319	N2319	--	95	200	67	3	3	395	495	3000	3500	
NU2319E	NJ2319E	NUP2319E	--	--		200	67	3	3	460	585	2700	3200	9.75
NU419	NJ419	NUP419	N419	NF419		240	55	4	4	400	445	2500	2900	13.5
NU1020	NJ1020	NUP1020	N1020	--	100	150	24	1.5	1.1	93	126	4600	5400	1.45
NU220	NJ220	NUP220	N220	NF220		180	34	2.1	2.1	183	217	3800	4500	
NU220E	NJ220E	NUP220E	--	--		180	34	2.1	2.1	249	305	3500	4100	3.8
NU2220	NJ2220	NUP2220	N2220	--		180	46	2.1	2.1	258	340	3500	4100	
NU2220E	NJ2220E	NUP2220E	--	--		180	46	2.1	2.1	335	445	3100	3600	4.8

## Cylindrical roller bearings

Bearing No.					Dimension (mm)					Load rating(KN)		Limiting speed		Mass
NU	NJ	NUP	N	NF	d	D	B	r <sub>min1</sub>	r <sub>min2</sub>	Cr	Cor	grease	oil	(kg)
NU320	NJ320	NUP320	N320	NF320	100	215	47	3	3	315	365	3300	3800	
NU320E	NJ320E	NUP320E	--	--		215	47	3	3	380	425	2900	3500	9
NU2320	NJ2320	NUP2320	N2320	--		215	73	3	3	460	590	2900	3400	
NU2320E	NJ2320E	NUP2320E	--	--		215	73	3	3	570	715	2600	3100	13.2
NU420	NJ420	NUP420	N420	NF420		250	58	4	4	445	495	2300	2800	14
NU1021	NJ1021	NUP1021	N1022	--		160	26	2	1.1	105	142	4300	5100	1.85
NU221	NJ221	NUP221	N221	NF221		190	36	2.1	2.1	201	241	3600	4300	4.1
NU321	NJ321	NUP321	N321	NF321	105	225	49	3	3	360	415	3100	3700	9
NU421	NJ421	NUP421	N421	NF421		260	60	4	4	495	555	2200	2600	19
NU1022	NJ1022	NUP1022	N1022	--		170	28	2	1.1	131	174	4100	4800	2.3
NU222	NJ222	NUP222	N222	NF222		200	38	2.1	2.1	240	290	3400	4000	
NU222E	NJ222E	NUP222E	--	--		200	38	2.1	2.1	293	365	3100	3700	5.7
NU2222	NJ2222	NUP2222	N2222	--		200	53	2.1	2.1	335	440	3100	3700	
NU2222E	NJ2222E	NUP2222E	--	--		200	53	2.1	2.1	385	515	2800	3300	7.4
NU322	NJ322	NUP322	N322	NF322		240	50	3	3	400	465	3000	3500	
NU322E	NJ322E	NUP322E	--	--		240	50	3	3	450	525	2700	3100	12.3
NU2322	NJ2322	NUP2322	N2322	--	110	240	80	3	3	605	790	2600	3100	
NU2322E	NJ2322E	NUP2322E	--	--		240	80	3	3	675	880	2400	2800	18.9
NU422	NJ422	NUP422	N422	NF422		280	65	4	4	550	620	2100	2500	20.3
NU1024	NJ1024	NUP1024	N1024	--		180	28	2	1.1	139	191	3800	4400	2.45
NU224	NJ224	NUP224	N224	NF224		215	40	2.1	2.1	272	340	3200	3700	
NU224E	NJ224E	NUP224E	--	--		215	40	2.1	2.1	335	420	2900	3400	6.5
NU2224	NJ2224	NUP2224	N2224	--		215	58	2.1	2.1	380	525	2900	3400	
NU2224E	NJ2224E	NUP2224E	--	--		215	58	2.1	2.1	450	620	2600	3000	8.85
NU324	NJ324	NUP324	N324	NF324		260	55	3	3	475	550	2700	3200	
NU324E	NJ324E	NUP324E	--	--		260	55	3	3	530	610	2400	2800	15.1
NU2324	NJ2324	NUP2324	N2324	--	120	260	86	3	3	710	920	2400	2800	
NU2324E	NJ2324E	NUP2324E	--	--		260	86	3	3	795	1030	2200	2500	24.3
NU424	NJ424	NUP424	N424	NF424		310	72	5	5	675	770	1900	2300	30.4
NU1026	NJ1026	NUP1026	N1026	--		200	33	2	1.1	172	238	3400	4000	30.8
NU226	NJ226	NUP226	N226	NF226		230	40	3	3	282	360	2900	3400	
NU226E	NJ226E	NUP226E	--	--		230	40	3	3	365	455	2600	3100	6.6
NU2226	NJ2226	NUP2226	N2226	--		230	64	3	3	395	560	2600	3100	
NU2226E	NJ2226E	NUP2226E	--	--		230	64	3	3	530	735	2300	2700	12.2
NU326	NJ326	NUP326	N326	NF326		280	58	4	4	560	665	2500	2900	
NU326E	NJ326E	NUP326E	--	--		280	58	4	4	615	735	2200	2600	19.4
NU2326	NJ2326	NUP2326	N2326	--	130	280	93	4	4	840	1130	2200	2600	
NU2326E	NJ2326E	NUP2326E	--	--		280	93	4	4	920	1230	2000	2300	30.5
NU426	NJ426	NUP426	N426	NF426		340	78	5	5	825	955	1800	2100	
NU1028	NJ1028	NUP1028	N1028	--	140	210	33	2	2	176	250	3200	3800	4.05
NU228	NJ228	NUP228	N228	NF228		250	42	3	3	325	420	2700	3100	
NU228E	NJ228E	NUP228E	--	--		250	42	3	3	395	515	2400	2800	8.75
NU2228	NJ2228	NUP2228	N2228	--		250	68	3	3	465	670	2400	2800	
NU2228E	NJ2228E	NUP2228E	--	--		250	68	3	3	575	835	2100	2500	15.3

## Cylindrical roller bearings

Bearing No.					Dimension (mm)				Load rating(KN)		Limiting speed		Mass	
NU	NJ	NUP	N	NF	d	D	B	rsm1	rsm2	Cr	Cor	grease	oil	(kg)
NU328	NJ328	NUP328	N328	NF328	300	62	4	4	615	745	2300	2700		
NU328E	NJ328E	NUP328E	--	--	140	300	62	4	4	665	795	2100	2400	23
NU2328	NJ2328	NUP2328	N2328	--	300	102	4	4	920	1250	2000	2300		
NU2328E	NJ2328E	NUP2328E	--	--	300	102	4	4	1020	1380	1800	2100	37.5	
NU428	NJ428	NUP428	N428	NF428	360	82	5	5	875	1020	1600	1900		
NU1030	NJ1030	NUP1030	N1030	--	225	35	2.1	2.1	202	294	3000	3500	4.85	
NU230	NJ230	NUP230	N230	NF230	270	45	3	3	375	490	2500	2900		
NVU230E	NJU230E	NUPU230E	--	--	270	45	3	3	450	595	2200	2600	10.8	
NU2230	NJ2230	NUP2230	N2230	--	270	73	3	3	545	800	2200	2600		
NU2230E	NJ2230E	NUP2230E	--	--	270	73	3	3	660	980	2000	2400	18.7	
NU330	NJ330	NUP330	N330	NF330	150	320	65	4	4	665	805	2100	2500	
NU330E	NJ330E	NUP330E	--	--	320	65	4	4	760	920	1900	2300	27.7	
NU2330	NJ2330	NUP2330	N2330	--	320	108	4	4	1020	1400	1900	2200		
NU2330E	NJ2330E	NUP2330E	--	--	320	108	4	4	1160	1600	1700	2000	46.5	
NU430	NJ430	NUP430	N430	NF430	380	85	5	5	930	1120	1500	1800		
NU1032	NJ1032	NUP1032	N1032	--	160	240	38	2.1	2.1	238	340	2800	3300	5.95
NU232	NJ232	NUP232	N232	NF232	290	48	3	3	430	570	2300	2700		
NU232E	NJ232E	NUP232E	--	--	290	348	3	3	500	665	2100	2400	14.4	
NU2232	NJ2232	NUP2232	N2232	--	290	80	3	3	630	940	2100	2400		
NU2232	NJ2232	NUP2232	--	-	290	80	3	3	810	1190	1900	2200	24.7	
NU332	NJ332	NUP332	N332	NF332	340	68	4	4	700	875	2000	2300		
NU332E	NJ332E	NUP332E	--	--	340	68	4	4	860	1050	1800	2100	32	
NU2332	NJ2332	NUP2332	N2332	--	340	114	4	4	1070	1520	1700	2000		
NU2332E	NJ2332E	NUP2332E	--	--	340	114	4	4	1310	1820	1600	1900	53.5	
NU1034	NJ1034	NUP1034	N1034	--	260	42	2.1	2.1	278	400	2600	3000	8.15	
NU234	NJ234	NUP234	N234	NF234	310	52	4	4	475	635	2200	2500		
NU234E	NJ234E	NUP234E	--	--	310	52	4	4	605	800	2000	2300	18.7	
NU2234	NJ2234	NUP2234	N2234	--	310	86	4	4	715	1080	2000	2300		
NU2234E	NJ2234E	NUP2234E	--	--	170	310	86	4	4	965	1410	1800	2100	30
NU334	NJ334	NUP334	N334	NF334	360	72	4	4	795	1010	1800	2200	37.5	
NU334E	NJ334E	NUP334E	N2334	--	360	120	4	4	1220	1750	1600	1900	63	
NU1036	NJ1036	NUP1036	N1036	--	180	280	46	2.1	2.1	340	485	2400	2900	10.5
NU236	NJ236	NUP236	N236	NF236	320	52	4	4	495	675	2000	2400		
NU236E	NJ236E	NUP236E	--	--	320	52	4	4	625	850	1800	2200	19.3	
NU2236	NJ2236	NUP2236	N2236	--	320	86	4	4	745	1140	1800	1900		
NU2236E	NJ2236E	NUP2236E	N1038	--	320	86	4	4	1010	1510	1600	2000	32	
NU336	NJ336	NUP336	N336	NF336	380	75	4	4	905	1150	1700	1800	45	
NU2336	NJ2336	NUP2336	--	--	380	126	4	4	1380	1990	1500	2700	71.5	
NU1038	NJ1038	NUP1038	N1038	--	290	46	2.1	2.1	350	510	2300	2200	11	
NU238	NJ238	NUP238	--	NF238	340	55	4	4	555	770	1900	2000		
NU238E	NJ238E	NUP238E	N338	--	340	55	4	4	695	955	1700	2000	25	
NU2238	NJ2238	NUP2238	N2238	--	340	92	4	4	830	1290	1700	1800		
NU2238E	NJ2238E	NUP2238E	N2238	--	190	340	92	4	4	1100	1670	1500	1900	39
NU338	NJ338	NUP338	N240	NF338	400	78	4	4	975	1260	1600	1700	50	



## Cylindrical roller bearings

Bearing No.					Dimension (mm)					Load rating(KN)		Limiting speed		Mass	
NU	NJ	NUP	N	NF	d	D	B	r <sub>min1</sub>	r <sub>min2</sub>	Cr	Cor	grease	oil	(kg)	
NU2338	NJ2338	NUP2338	--	--	190	400	132	4	4	1520	2220	1400	2600	82.5	
NU1040	NJ1040	NUP1040	N1040	--		310	51	2.1	2.1	390	580	2200	2100	14.5	
NU240	NJ240	NUP240	--	NF240		360	58	4	4	620	865	1800	1900		
NU240E	NJ240E	NUP240E	N340	--		360	58	4	4	765	1060	1600	1900	29	
NU2240	NJ2240	NUP2240	N2340	--		360	98	4	4	925	1440	1600	1900		
NU2240E	NJ2240E	NUP2240E	--	--	200	360	98	4	4	1220	1870	1500	1700	46	
NU340	NJ340	NUP340	N340	NF340		420	80	5	5	975	1270	1500	1800	57.5	
NU2340	NJ2340	NUP2340	N2340	--		420	138	5	5	1510	2240	1400	1600	97	
NU1044	NJ1044	NUP1044	N104	--		340	56	3	3	500	750	2000	2300	18.5	
NU244	NJ244	NUP244	N244	NF244		400	65	4	4	760	1080	1600	1900	38.2	
NU2244	NJ2244	NUP2244	N2244	--	220	400	108	4	4	1140	1810	1500	1700	62.5	
NU344	NJ344	NUP344	N344	NF344		460	88	5	5	1190	1570	1400	1600	73.5	
NU2344	NJ2344	NUP2344	N2344	--		460	145	5	5	1780	2620	1200	1400	120	
NU1048	NJ1048	NUP1048	N1048	--		360	56	3	3	530	820	1800	2100	20	
NU248	NJ248	NUP248	N248	NF248		440	72	4	4	935	1340	1500	1700	52.5	
NU2248	NJ2248	--	--	--		440	120	4	4	1440	2320	1300	1600	85	
NU348	NJ348	--	--	NF348	240	500	95	5	5	1430	1950	1300	1500	98.5	
NU2348	NJ2348	--	--	--		500	155	5	5	2100	3200	1100	1300	155	
NU1052	NJ1052	--	--	--		400	65	4	4	645	1000	1600	1900	30	
NU252	NJ252	--	--	NF252		480	80	5	5	1150	1660	1300	1600	70	
NU2252	NJ2252	--	--	--		480	180	5	5	1780	2930	1200	1400	112	
NU352	NJ352	--	--	NF353	260	540	102	6	6	1620	2230	1200	1400	125	
NU2352	NJ2352	--	--	--		540	165	6	6	2340	3600	1000	1200	190	
NU1056	NJ1056	--	--	--		420	65	4	4	660	1050	1500	1800	31.5	
NU256	NJ256	--	--	NF256		500	80	5	5	1190	1760	1200	1400	73	
NU2256	NJ2256	--	--	--		500	130	5	5	1840	3100	1100	1300	115	
NU356	NJ356	--	--	NF356	280	580	108	6	6	1820	2540	1100	1200		
NU2356	NJ2356	--	--	--		580	175	6	6	2700	4250	920	1100	230	
NU1060	NJ1060	--	--	--		460	74	4	4	855	1340	1400	1600	47	
NU260	NJ260	--	--	NF260	300	540	85	5	5	1400	2070	1100	1300	89.5	
NU2260	NJ2260	--	--	--		540	140	5	5	2180	3650	1000	1200	145	
NU1064	NJ1064	--	--	--		480	74	4	4	875	1410	1300	1500	49	
NU264	NJ264	--	--	NF264	320	580	92	5	5	1600	2390	1000	1200	115	
NU2264	NJ2264	--	--	--		580	150	5	5	2550	4350	950	1100	190	
NU1068	NJ1068	--	--	--		340	520	82	5	5	1050	1670	1200	1400	68
NU1072	NJ1072	--	--	--		360	540	82	5	5	1080	1750	1100	1300	67.5
NU1076	NJ1076	--	--	--		380	560	82	5	5	1100	1840	1100	1200	73
NU1080	NJ1080	--	--	--		400	600	90	5	5	1320	2190	990	1200	92.5
NU1084	NJ1084	--	--	--		420	620	90	5	5	1350	2290	950	1100	96
NU1088	NJ1088	--	--	--		440	650	94	6	6	1430	2430	900	1100	105
NU1092	NJ1092	--	--	--		460	680	100	6	6	1540	2630	850	1000	115
NU1096	NJ1096	--	--	--		480	700	100	6	6	1580	2750	810	960	130
NU10/500	NJ10/500	--	--	--		500	720	100	6	6	1610	2870	770	910	135
NU10/560	NJ10/560	--	--	--		560	820	115			2000	4100	590	880	213

### Double row cylindrical roller bearings

Tolerance adopt China GB/T307-1994 standard  
(Equal to ISO 492,DIN 620)



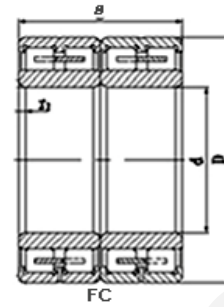
Bearing No.	Dimension(mm)				Load rating(KN)		Limiting speed		Mass (kg)
	d	D	B	rmin	Cr	Cor	grease	oil	
NNU4920	100	140	40	1.1	125	244	4300	5100	1.88
NN3020		150	37	1.5	146	245	4000	4800	
NNU4921	105	145	40	1.1	132	270	4100	4800	1.96
NN3021		160	41	2	192	310	3800	4100	2.96
NNU4922	110	150	40	1.1	132	258	3900	4600	2.04
<b>NN3022</b>		<b>170</b>	<b>45</b>	<b>2</b>	<b>226</b>	<b>365</b>	<b>3600</b>	<b>4300</b>	<b>3.76</b>
NNU4924	120	165	45	1.1	170	328	3600	4200	2.76
NNU4124		200	80	1.112	--	--	--	--	11
NN3024		180	46	2	232	390	3300	3900	4.1
NNU4926	130	180	50	1.5	187	368	3300	3900	3.79
NN3026		200	52	2	284	475	3100	3600	6.04
NNU4928	140	190	50	1.5	188	394	3000	3600	4.11
<b>NN3026</b>		<b>210</b>	<b>53</b>	<b>2</b>	<b>297</b>	<b>515</b>	<b>2800</b>	<b>3300</b>	<b>6.48</b>
NNU4930	150	210	60	2	325	655	2800	3300	6.2
NN3030		225	56	2.1	330	570	2600	3100	7.88
NNU4932	160	220	60	2	330	653	2600	3100	6.53
NN3032		240	60	2.1	369	635	2500	2900	9.57
NNU4934	170	230	60	2	336	672	2500	2900	6.85
NN3034		260	67	2.1	440	775	2300	2700	13
<b>NNU4936</b>	<b>180</b>	<b>250</b>	<b>69</b>	<b>2</b>	<b>380</b>	<b>830</b>	<b>2300</b>	<b>2700</b>	<b>10.2</b>
NN3036		280	74	2.1	561	994	2200	2600	17
NNU4938	190	260	69	2	402	856	2200	2600	10.6
NN3038		290	75	2.1	580	1040	2000	2400	18
NNU4940	200	280	80	2.1	484	1010	2100	2400	14.9
NN3040		310	82	2.1	644	1140	1900	2300	23
NNU4944	220	300	80	2.1	510	1140	1900	2200	16.2
<b>NN3044</b>		<b>340</b>	<b>90</b>	<b>3</b>	<b>800</b>	<b>1460</b>	<b>1700</b>	<b>2100</b>	<b>32.9</b>
NNU4948	240	320	80	2.1	528	1160	1700	2000	17.4
NNU4148		400	160	4	--	--	--	--	85
NN3048		360	92	3	835	1688	1600	1900	--
NNU4176		620	243	5	--	--	--	--	285
NNU4952	260	360	100	2.1	745	1800	1600	1800	30.2

## Cylindrical roller bearings

Bearing		Dimension(mm)			Load rating(KN)		Limiting speed		Mass
No.	d	D	B	rmin	Cr	Cor	grease	oil	(kg)
NNU4152		440	104	4	--	--	--	--	110
NN3052		400	104	4	1020	1910	1500	1700	48
NNU4956	280	380	100	2.1	764	1710	1400	1700	32.2
NNU4156		460	180	5	--	--	--	--	120
NN3056		420	106	4	1080	2060	1300	1600	51.7
<b>NNU4960</b>	300	420	118	3	1020	2300	1300	1500	50
NNU4160		500	200	5	--	--	--	--	155
NN3060		460	118	4	1250	2370	1200	1500	71.5
NNU4964	320	440	118	3	1060	2430	1200	1400	52.7
NNU4164		540	218	5	--	--	--	--	200
NN3064		480	121	4	1320	2580	1100	1300	77.2
NNU4968	340	460	118	3	1100	2580	1100	1300	58.5
<b>NNU3068</b>		520	180	4	1650	3180	1100	1300	140
NNU4972	360	480	118	3	1120	2690	1100	1300	61
NNU4172		600	243	5	--	--	1000	1200	275
NNU4876	380	480	100	1.5/2.1	1120	2870	--	--	44
NNU4976		520	140	4	1450	3500	1000	1200	91.5
NNU4980	400	540	140	4	1470	3680	940	1100	92.5
NNU4884	420	520	100	1.5/2.1	1170	3180	--	--	48
<b>NNU4984</b>		560	140	4	1510	3830	900	1100	99
NNU4184		700	280	6	--	--	--	--	--
NNU4988	440	600	160	4	2050	4970	850	1000	140
NNU4892	460	580	118	3	1190	3050	--	--	75
NNU4992		620	160	4	2220	5850	800	950	132
NNU4896	480	600	118	3	--	--	--	--	78
NNU4996		650	170	5	2280	5900	770	910	165
<b>NNU4196</b>		790	308	7.5	6810	13820	--	--	603
NNU49/500	500	670	170	5	2330	5890	730	860	175
NNU49/530	530	710	180	5	2860	7450	650	850	210
NNU40/530		780	250	6	--	--	--	--	420
NNU49/560	560	750	190	5	3140	8370	--	--	245
NNU40/560		820	258	6	--	--	--	--	420
NNU49/600	600	800	200	5	3580	9750	--	--	290
<b>NNU41/600</b>		980	375	7.5	--	--	--	--	1100
NNU49/630	630	850	218	6	3835	10700	550	750	370
NNU49/670	670	900	230	6	4950	13100	--	--	430
NNU49/710	710	950	243	6	5390	14700	--	--	500
NNU48/750	750	920	170	5	--	--	--	--	245
NNU49/750		1000	250	6	5500	15300	--	--	540
NNU48/800	800	980	180	5	2860	8560	--	--	295
NNU49/800		1060	258	6	5830	16200	--	--	615

### Four row cylindrical roller bearings

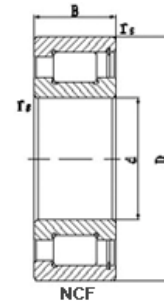
Tolerance adopt China GB/T307-1994 standard  
(Equal to ISO 492,DIN 620)



Bearing No.	Interchange	Dimension (mm)					Load rating(KN)			Mass (Kg)
		d	D	B	Fw	min	Cr	Cor		
FC2028104	100RV1401(NSK)	100	140	104	111	1.5	430	534	7.85	
FC2234120		110	170	120	127	2	490	700	9.2	
FC2436105	4R2438(NTN) 24FC18105(KOYO)	120	180	105	135	2	500	750	9.35	
FC2640125	130RV2001(NSK)	130	200	125	149	2	580	790	9.5	
FC2842155	313900B(SKF)	140	210	155	166	2	610	830	14.5	
FC3046156	313891A(SKF) 508955(FAG) 4R3040(NTN)	150	230	156	174	2	740	1180	24	
FC3248468	4R3225(NTN)	160	240	168	183	2.1	900	1370	25.5	
FC3652168	313812F(SKF) 4R3628(NTN)	180	260	168	202	2.1	915	1550	29.5	
FC3854200	314199B(SKF) 508657(FAG)	190	270	200	212	2.1	1160	1680	37.5	
FC4056200	313893(SKF)	200	280	200	222	2.1	1160	2080	39	
FC4260210	42FC30210	210	320	210	234	2.1	1040	1690		
FC4464210	509216(FAG) 4R4429(NTN)	220	320	210	248	2.1	1250	2310	46.5	
FC4668260	4R4611(NTN) 46FC43260(KOYO)	230	340	260	261	2.1	1830	3150	57	
FC4872220	4R4807(NTN)	240	360	220	272	2.1	1905	2960	61.5	
FC5072220				250	360	220	282	3	2105	
FC5276280	4R5213(NTN) (NSK) 260RV3801	260	380	280	294	3	2145	3235	79	
FC5678220	313822F(SKF) 507339(FAG) 4R5611(NTN) 280RV3901(NSK)	280	390	220	312	3	2340	3510	82.5	
FC6084300	314484D(SKF)	300	420	300	332	4	2570	4030	135	

### Full complement cylindrical roller bearings-Single row

Tolerance adopt China GB/T307-1994 standard  
(Equal to ISO 492,DIN 620)



Bearing No.		Dimension (mm)				Load rating(KN)		Limiting speed	Mass
China	INA	d	D	B	r s min	Cr	Cor	(rpm)	(kg)
NCF3004V	SL183004	20	42	16	0.6	27.5	26.5	9000	0.11
NCF2204V	SL182204		47	18	1	41	37.5	7000	0.16
NCF3005V	SL183005	25	47	16	0.6	31.5	32.5	7500	0.12
NCF2205V	SL182205		52	18	1	46	45	6000	0.18
NJ2305V	SL192305		62	24	1.1	63	57	4500	0.37
NCF3006V	SL183006	30	55	19	1	40.5	43	6500	0.2
NCF2206V	SL182206		62	20	1	61	63	5000	0.3
NJ2306V	SL192306		72	27	1.1	87	85	3800	0.56
NCF3007V	SL183007	35	62	20	1	49.5	55	5500	0.26
NCF2207V	SL182207		72	23	1.1	76	77	4300	0.44
NJ2307V	SL192307		80	31	1.5	113	112	3400	0.74
NCF3008V	SL183008	40	68	21	1	59	68	5000	0.31
NCF2208V	SL182208		80	23	1.1	84	89	3800	0.55
NJ2308V	SL192308		90	33	1.5	152	155	3000	1.01
NCF3009V	SL183009	45	75	23	1	63	76	4600	0.4
NCF2209V	SL182209		85	23	1.1	88	96	3600	0.59
NJ2309V	SL192309		100	36	1.5	162	165	2700	1.37
NCF3010V	SL183010	50	80	23	1	77	92	4300	0.43
NCF2210V	SL182210		90	23	1.1	95	109	3300	0.64
NJ2310V	SL192310		110	40	2	205	215	2500	1.81
NCF3011V	SL183011	55	90	26	1.1	105	134	3700	0.64
NCF2211V	SL182211		100	25	1.5	122	145	3000	0.87
NJ2311V	SL192311		120	43	2	242	255	2300	2.28
NCF2912V	SL182912	60	85	16	1	54	74	3800	0.29
NCF3012V	SL183012		95	26	1.1	108	141	3500	0.69
NCF2212V	SL182212		110	28	1.5	152	179	2700	1.18
NJ2312V	SL192312		130	46	2.1	260	280	2100	2.88
NCF2913V	SL182913	65	90	16	1	57	81	3500	0.31
NCF3013V	SL183013		100	26	1.1	113	154	3200	0.73
NCF2213V	SL182213		120	31	1.5	177	213	2500	1.57
NJ2313V	SL192313		140	48	2.1	315	355	1900	3.52
NCF2914V	SL182914	70	100	19	1	76	108	3200	0.49

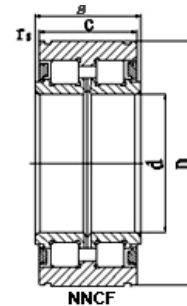
Bearing No.		Dimension (mm)				Load rating(KN)		Limiting speed	Mass
China	INA	d	D	B	r s min	Cr	Cor	(rpm)	(kg)
NCF3014V	SL183014		110	30	1.1	134	171	3100	1.02
NCF2214V	SL182214		125	31	1.5	183	226	2400	1.66
NJ2314V	SL192314		150	51	2.1	345	390	1800	4.33
NCF2915V	SL182915	75	105	19	1	78	116	3000	0.52
NCF3015V	SL183015		115	30	1.1	141	188	2800	1.06
NCF2215V	SL182215		130	31	1.5	190	239	2300	1.75
NJ2315V	SL192315		160	55	2.1	410	475	1700	5.3
NCF2916V	SL182916	80	110	19	1	81	123	2900	0.55
NCF3016V	SL183016		125	34	1.1	173	224	2600	1.43
NCF2216V	SL182216		140	33	2	223	280	2100	2.15
NJ2316V	SL192316		170	58	2.1	480	560	1600	6.32
NCF2917V	SL182917	85	120	22	1.1	102	155	2700	0.81
NCF3017V	SL183017		130	34	1.1	178	235	2500	1.51
NCF2217V	SL182217		150	36	2	255	320	2000	2.74
NJ2317V	SL192317		180	60	3	510	620	1500	7.34
NCF2918V	SL182918	90	125	22	1.1	106	165	2500	0.84
NCF3018V	SL183018		140	37	1.5	207	280	2300	1.97
NCF2218V	SL182218		160	40	2	285	365	1900	3.48
NJ2318V	SL192318		190	64	3	560	660	1400	8.83
NCF2919V	SL182919	95	130	22	1.1	114	172	2400	0.86
NCF2219V	SL182219		170	43	2.1	335	430	1700	4.17
NJ2319V	SL192319		200	67	3	580	720	1350	10.2
NCF2920V	SL182920	100	140	24	1.1	132	199	2300	1.14
NCF3020V	SL183020		150	37	1.5	218	305	2200	2.15
NCF2220V	SL182220		180	46	2.1	390	520	1600	5.13
NJ2320V	SL192320		215	73	3	710	860	1300	13
NCF2922V	SL182922	110	150	24	1.1	137	213	2100	1.23
NCF3022V	SL183022		170	45	2	285	395	2000	3.5
NCF2222V	SL182222		200	53	2.1	455	590	1500	7.24
NJ2322V	SL192322		240	80	3	840	970	1150	17
NCF2924V	SL182924	120	165	27	1.1	176	285	1900	1.73
NCF3024V	SL183024		180	46	2	300	435	1800	3.8
NCF2224V	SL182224		215	58	2.1	530	730	1400	9.08
NJ2324V	SL192324		260	86	3	990	1220	1050	22.3
NCF2926V	SL182926	130	180	30	1.5	210	350	1800	2.33
NCF3026V	SL183026		200	52	2	430	610	1700	5.65
NCF2226V	SL182226		230	64	3	630	860	1300	11.25
NCF2928V	SL182928	140	190	30	1.5	228	375	1600	2.42
NCF3028V	SL183028		210	53	2	455	670	1500	6.04
NCF2228V	SL182228		250	68	3	720	1020	1200	14.17
NCF2930V	SL182930	150	210	36	2	455	670	1500	3.77
NCF3030V	SL183030		225	56	2.1	475	700	1500	7.33

Bearing No.		Dimension (mm)				Load rating(KN)		Limiting speed	Mass
China	INA	d	D	B	r s min	Cr	Cor	(rpm)	(kg)
NCF2230V	SL182230		270	73	3	830	1180	1100	18.43
NCF2932V	SL182932	160	220	36	2	320	520	1400	4
NCF3032V	SL183032		240	60	2.1	540	810	1400	8.8
NCF2232V	SL182232		290	80	3	1020	1460	1000	23
NCF2934V	SL182934	170	230	36	2	330	560	1300	4.3
NCF3034V	SL183034		260	67	2.1	710	1070	1300	12.2
NCF2234V	SL182234		310	86	4	1140	1660	950	28.65
NCF2936V	SL182936	180	250	42	2	410	690	1300	6.2
NCF3036V	SL183036		280	74	2.1	820	1260	1200	16.1
NCF2236V	SL182236		320	86	4	1180	1760	900	29.8
NCF2938V	SL182938	190	260	42	2	455	790	1200	6.5
NCF3038V	SL183038		290	75	2.1	840	1320	1100	17
NCF2238V	SL182238		340	92	4	1300	1900	850	35.65
NCF1840V	SL181840	200	250	24	1.5	178	320	1200	2.57
NCF2940V	SL182940		280	48	2.1	550	940	1100	9.1
NCF3040V	SL183040		310	82	2.1	960	1530	1100	21.8
NCF2240V	SL182240		360	98	4	1420	2040	850	43.12
NCF1844V	SL181844	220	270	24	1.5	187	350	1100	2.8
NCF2944V	SL182944		300	48	2.1	570	1040	1000	9.9
NCF3044V	SL183044		340	90	3	1150	1810	1000	28.4
NCF1848V	SL181848	240	300	28	2	212	405	1000	4.4
NCF2948V	SL182948		320	48	2.1	600	1130	950	10.6
NCF3048V	SL183048		360	92	3	1210	1990	900	30.9
NCF1852V	SL181852	260	320	28	2	222	440	950	4.71
NCF2952V	SL182952		360	60	2.1	790	1460	900	18.5
NCF3052V	SL183052		400	104	4	1620	2550	800	44.5
NCF1856V	SL181856	280	350	33	2	305	600	850	7
NCF2956V	SL182956		380	60	2.1	920	1740	800	19.7
NCF3056V	SL183056		420	106	4	1660	2700	800	48
NCF1860V	SL181860	300	380	38	2.1	375	730	800	10
NCF2960V	SL182960		420	72	3	1180	2230	750	31.2
NCF3060V	SL183060		460	118	4	2040	3350	700	66.6
NCF1864V	SL181864	320	400	38	2.1	385	780	750	10.6
NCF2964V	SL182964		440	72	3	1220	2360	700	32.9
NCF3064V	SL183064		480	121	4	2090	3500	650	71.7
NCF1868V	SL181868	340	420	38	2.1	395	820	700	11.2
NCF2968V	SL182968		460	72	3	1260	2500	700	34.7
NCF3068V	SL183068		520	133	5	2490	4150	600	95.8
NCF1872V	SL181872	360	440	38	2.1	410	870	650	11.7
NCF2972V	SL182972		480	723	1	290	2650	650	36.4
NCF3072V	SL183072		540	134	5	2550	4350	550	101
NCF1876V	SL181876	380	480	46	2.1	570	1150	600	19.2

Bearing No.		Dimension (mm)				Load rating(KN)		Limiting speed	Mass
China	INA	d	D	B	r s min	Cr	Cor	(rpm)	(kg)
NCF2976V	SL182976		520	82	4	1670	3300	600	52.1
NCF3076V	SL183076		560	135	5	2650	4550	550	106
NCF1880V	SL181880	400	500	46	2.1	590	1220	600	20
NCF2980V	SL182980		540	82	4	1720	3500	550	54.3
NCF3080V	SL183080		600	148	5	3100	5500	500	140
NCF1884V	SL181884	420	520	46	2.1	600	1260	550	20.9
NCF2984V	SL182984		560	82	4	1750	3600	550	56.9
NCF1888V	SL181888	440	540	46	2.1	610	1320	550	21.8
NCF2988V	SL182988		600	95	4	2130	4200	500	78.1
NCF1892V	SL181892	460	580	56	3	790	1660	500	33.9
NCF2992V	SL182992		620	95	4	2160	4350	500	81.1
NCF1896V	SL181896	480	600	56	3	800	1720	500	35.2
NCF2996V	SL182996		650	100	5	2430	4900	480	94.7
NCF18/500V	SL1818/500	500	620	56	3	820	1810	480	36.5
NCF29/500V	SL1829/500		670	100	5	2460	5100	460	98.3

### Full complement cylindrical roller bearings-Double row

Tolerance adopt China GB/T307-1994 standard  
(Equal to ISO 492,DIN 620)



Bearing No.		Dimension (mm)				Load rating(KN)		Limiting speed	Mass
China	INA	d	D	B	r s min	Cr	Cor	(rpm)	(kg)
NNCL4912	SL02 4912	60	85	25	1	67	155	1850	0.47
NNCL4914	SL02 4914	70	100	30	1	103	178	1600	0.75
NNCL4916	SL02 4916	80	110	30	1	109	199	1450	0.85
NNCL4918	SL02 4918	90	125	35	1.1	149	280	1250	1.3
NNCL4920	SL02 4920	100	140	40	1.1	191	370	1100	1.9
NNCL4922	SL02 4922	110	150	40	1.1	198	400	1050	2.1
NNCL4924	SL02 4924	120	165	45	1.1	222	440	950	2.85
NNCL4926	SL02 4926	130	180	50	1.5	260	510	850	3.8
NNCL4928	SL02 4928	140	190	50	1.5	270	550	800	4.1
NNCL4830	SL02 4830	150	190	40	2	231	530	800	2.8
NNCL4930	SL02 4930	150	210	60	2	410	820	750	6.45
NNCL4832	SL02 4832	160	200	40	1.1	237	560	750	3



## Cylindrical roller bearings

NNCL4932	SL02 4932	160	220	60	2	425	880	700	6.8
NNCL4834	SL02 4834	170	215	45	1.1	260	600	700	3.95
NNCL4934	SL02 4934	170	230	60	2	435	930	650	7.1
NNCL4836	SL02 4836	180	225	45	1.1	270	640	650	4.15
NNCL4936	SL02 4936	180	250	69	2	570	1200	650	10.5
NNCL4838	SL02 4838	190	240	50	1.5	310	730	650	5.45
NNCL4938	SL02 4938	190	260	80	2	580	1270	600	10.9
NNCL4840	SL02 4840	200	250	50	1.5	320	770	600	5.7
NNCL4940	SL02 4940	200	280	80	2.1	690	1480	550	15.3
NNCL4844	SL02 4844	220	270	60	1.5	335	840	550	6.2
NNCL4944	SL02 4944	220	300	80	2.1	720	1590	500	16.7
NNCL4848	SL02 4848	240	300	60	2	500	1230	500	9.9
NNCL4948	SL02 4948	240	320	100	2.1	740	1710	950	17.9
NNCL4852	SL02 4852	260	320	69	2	530	1340	480	10.6
NNCL4952	SL02 4952	260	360	100	2.1	1110	2490	450	31.2
NNCL4856	SL02 4856	280	350	69	2	690	1790	430	15.6
NNCL4956	SL02 4956	280	380	100	2.1	1150	2700	400	33.1
NNCL4860	SL02 4860	300	380	80	2.1	820	2090	400	22
NNCL4960	SL02 4960	300	420	118	3	1650	3800	750	51.9
NNCL4864	SL02 4864	320	400	80	2.1	850	2240	380	23.5
NNCL4964	SL02 4964	320	440	118	3	1720	4100	350	54.9
NNCL4868	SL02 4868	340	420	80	2.1	870	2350	350	25
NNCL4968	SL02 4968	340	460	118	3	1770	4300	350	57.8

Bearing No.		Dimension (mm)				Load rating(KN)		Limiting speed	Mass
China	INA	d	D	B	r s min	Cr	Cor	(rpm)	(kg)
NNCF5004V	SL185004	20	42	30	0.6	47.5	53	9000	0.2
NNCF5005V	SL185005	25	47	30	0.6	54	65	7500	0.23
NNCF5006V	SL185006	30	55	34	1	70	86	6500	0.35
NNCF5007V	SL185007	35	62	36	1	85	109	5500	0.46
NNCF5008V	SL185008	40	68	38	1	101	136	5000	0.56
NNCF5009V	SL185009	45	75	40	1	108	151	4600	0.71
NNCF5010V	SL185010	50	80	40	1	131	184	4300	0.76
NNCF5011V	SL185011	55	90	46	1.1	179	270	3700	1.16
NNCF4912V	SL184912	60	85	25	1	67	115	3700	0.48
NNCF5012V	SL185012		95	46	1.1	184	280	3500	1.24
NNCF5013V	SL185013	65	100	46	1.1	194	310	3200	1.32
NNCF4914V	SL184914	70	100	30	1	103	178	3200	0.78
NNCF5014V	SL185014		110	54	1.1	229	340	3100	1.85
NNCF5015V	SL185015	75	115	54	1.1	242	375	2800	1.93
NNCF4916V	SL184916	80	110	30	1	109	199	2900	0.88
NNCF5016V	SL185016		125	60	1.1	295	450	2600	2.59
NNCF5017V	SL185005	85	130	60	1.1	305	470	2500	2.72
NNCF4918V	SL184918	90	125	35	1.1	149	280	2500	1.35
NNCF5018V	SL185018		140	67	1.5	355	560	2300	3.62

## Cylindrical roller bearings

NNCF4920V	SL184920	100	140	40	1.1	191	370	2200	1.95
NNCF5020V	SL185020		150	67	1.5	375	610	2200	3.94
NNCF4922V	SL184922	110	150	40	1.1	198	400	2100	2.15
NNCF5022V	SL185022		170	80	2	490	790	2000	6.32
NNCF4924V	SL184924	120	165	45	1.1	222	440	1900	2.95
NNCF5024V	SL185024		180	80	2	520	870	1800	6.77
NNCF4926V	SL184926	130	180	50	1.5	260	510	1700	3.95
NNCF5026V	SL185026		200	95	2	740	1220	1700	10.2
NNCF4928V	SL184928	140	190	50	1.5	270	550	1600	4.2
NNCF5028V	SL185028		210	95	2	780	1340	1500	11.1
NNCF4930V	SL184930	150	210	60	2	410	820	1500	6.65
NNCF5030V	SL185030		225	100	2.1	101	400	1500	13.3
NNCF4932V	SL184932	160	220	60	2	425	880	1400	7
NNCF4934V	SL184934	170	230	60	2	435	930	1300	7.35
NNCF4936V	SL184936	180	250	69	2	570	1200	1300	10.8
NNCF4938V	SL184938	190	260	69	2	580	1270	1200	11.2
NNCF4940V	SL184940	200	280	80	2.1	690	1480	1100	15.8
NNCF4944V	SL184944	220	300	80	2.1	720	1590	1000	17.2
NNCF4948V	SL184948	240	320	80	2.1	740	1710	950	18.5
NNCF4952V	SL184952	260	360	100	2.1	1110	2490	900	32
NNCF4956V	SL184956	280	380	100	2.1	1150	2700	800	34
NNCF4960V	SL184960	300	420	118	3	1650	3800	750	53
NNCF4964V	SL184964	320	440	118	3	1720	4100	700	56
NNCF4968V	SL184968	340	460	118	3	1770	4300	650	59
NNCF4972V	SL184972	360	480	118	3	1810	4500	650	62.1
NNCF4976V	SL184976	380	520	140	4	2270	5600	600	92.4
NNCF4980V	SL184980	400	540	140	4	2330	5900	550	96.5