

## **KZ CYLINDRICAL ROLLER BEARING**

These are ideal for applications where there is heavy impact or radial loading. These bearings require feature high radial load as rollers and raceway are in linear contact. An additional feature of these bearings is that they have a separable inner and outer ring due to which mounting and dismounting is very easy. Due their construction they can be very accurately machined and hence are also used in high speed applications.



**KZ CYLINDRICAL ROLLER BEARINGS**

BEARING NUMBER	NOMINAL DIMENSIONS' [mm]			LOAD RATING(N)		RPM	Weight
				Dynamic	Static		Kgs
	L	H	H2				
NU 1005	25	47	12	12000	11200	15000	0.086
NU 1006	30	66	13	15400	15600	13000	0.123
NU 1007	35	62	14	18000	18500	12000	0.185
NU 1008	40	68	15	21600	23600	11000	0.226
NU 1009	45	75	16	24200	27900	10000	0.284
NU 1010	50	90	18	30000	35400	8000	0.449
NU 1011	55	95	18	32400	38500	7000	0.484
NU 1012	60	100	18	32800	40600	6500	0.514
NU 1013	65	110	20	46000	56000	6100	0.712
NU 1014	70	115	20	48000	59500	5700	0.745
NU 1015	75	125	22	58000	72400	5400	1.003
NU 1016	80	130	22	60000	76300	5000	1.060
NU 1017	85	140	24	70000	91000	4700	1.360
NU 1018	90	145	24	72900	95900	4500	1.420
NU 1019	95	150	24	74400	100000	4300	1.480
NU 1020	100	160	26	84000	113000	4100	1.880
NU 1021	105	170	28	105000	139000	3800	2.340
NU 1022	110	180	28	111000	153000	3500	2.510
NU 1024	120	200	33	137000	190000	3200	3.830
NU 1026	130	210	33	140000	200000	3000	4.070
NU 1028	140	225	35	160000	235000	2900	4.900

BEARING NUMBER	NOMINAL DIMENSIONS' [mm]			LOAD RATING(N)		RPM	Weight
				Dynamic	Static		Kgs
	d	D	B				
NJ 1005	25	47	12	12000	11200	15000	0.086
NJ 1006	30	66	13	15400	15600	13000	0.123
NJ 1007	35	62	14	18000	18500	12000	0.185
NJ 1008	40	68	15	21600	23600	11000	0.226
NJ 1009	45	75	16	24200	27900	10000	0.284
NJ 1010	50	90	18	30000	35400	8000	0.449
NJ 1011	55	95	18	32400	38500	7000	0.484
NJ 1012	60	100	18	32800	40600	6500	0.514
NJ 1013	65	110	20	46000	56000	6100	0.712
NJ 1014	70	115	20	48000	59500	5700	0.745
NJ 1015	75	125	22	58000	72400	5400	1.003
NJ 1016	80	130	22	60000	76300	5000	1.060
NJ 1017	85	140	24	70000	91000	4700	1.360
NJ 1018	90	145	24	72900	95900	4500	1.420
NJ 1019	95	150	24	74400	100000	4300	1.480
NJ 1020	100	160	26	84000	113000	4100	1.880
NJ 1021	105	170	28	105000	139000	3800	2.340
NJ 1022	110	180	28	111000	153000	3500	2.510
NJ 1024	120	200	33	137000	190000	3200	3.830
NJ 1026	130	210	33	140000	200000	3000	4.070
NJ 1028	140	225	35	160000	235000	2900	4.900

BEARING NUMBER				NOMINAL DIMENSIONS' [mm]			LOAD RATING(kN)	
							Dynamic	Static
NU	NJ	NUP	N	d	D	B	C	Co
NU 204	NJ 204	NUP 204	N 204	20	47	14	15.4	12.7
NU 205	NJ 205	NUP 205	N 205	25	52	15	17.7	15.7
NU 206	NJ 206	NUP 206	N 206	30	62	16	23.5	21.5
NU 207	NJ 207	NUP 207	N 207	35	72	17	33.6	31.5
NU 208	NJ 208	NUP 208	N 208	40	80	18	43.8	42.9
NU 209	NJ 209	NUP 209	N 209	45	85	19	46.1	46.9
NU 210	NJ 210	NUP 210	N 210	50	90	20	48.2	51
NU 211	NJ 211	NUP 211	N 211	55	100	21	58	62.3
NU 212	NJ 212	NUP 212	N 212	60	110	22	71.9	79.9
NU 213	NJ 213	NUP 213	N 213	65	120	23	83.8	94.4
NU 214	NJ 214	NUP 214	N 214	70	125	24	83.3	95.2
NU 215	NJ 215	NUP 215	N 215	75	130	25	101	118
NU 216	NJ 216	NUP 216	N 216	80	140	26	106	122
NU 217	NJ 217	NUP 217	N 217	85	150	28	121	140
NU 218	NJ 218	NUP 218	N 218	90	160	30	152	178
NU 219	NJ 219	NUP 219	N 219	95	170	32	165	195
NU 220	NJ 220	NUP 220	N 220	100	180	34	183	217



BEARING NUMBER	NOMINAL DIMENSIONS' [mm]			LOAD RATING(N)		RPM	Weight
				Dynamic	Static		Kgs
	d	D	B				
NF 204	20	47	14	11200	9900	15000	0.109
NF 205	25	52	15	13100	11700	13000	0.134
NF 206	30	62	16	17600	16100	11000	0.203
NF 207	35	72	17	25100	23600	9000	0.289
NF 208	40	80	18	32600	32200	8500	0.370
NF 209	45	85	19	34500	35200	7500	0.423
NF 210	50	90	20	36000	39000	7000	0.460
NF 211	55	100	21	43500	46000	6300	0.626
NF 212	60	110	22	51500	56000	5700	0.802
NF 213	65	120	23	63000	71000	5300	1.000
NF 214	70	125	24	63000	71000	5100	1.100
NF 215	75	130	25	72000	63000	4700	1.210
NF 216	80	140	26	79000	91000	4500	1.470
NF 217	85	150	28	90000	105000	4200	1.830
NF 218	90	160	30	114000	133000	3800	2.250
NF 219	95	170	32	124000	146000	3600	2.720
NF 220	100	180	34	137000	162000	3400	3.260
NF 221	105	190	36	151000	180000	3200	3.870
NF 222	110	200	38	180000	217000	3000	4.540
NF 224	120	215	40	195000	240000	2900	5.460
NF 226	130	230	40	202000	255000	2700	6.170
NF 228	140	250	42	232000	315000	2500	7.720
NF 230	150	270	45	280000	367000	2200	9.720

BEARING NUMBER				NOMINAL DIMENSIONS' [mm]			LOAD RATING(kN)	
							Dynamic	Static
NU	NJ	NUP	N	d	D	B	C	Co
NU 304	NJ 304	NUP 304	N 304	20	52	15	23.1	19.2
NU 305	NJ 305	NUP 305	N 305	25	62	17	29.3	25.2
NU 306	NJ 306	NUP 306	N 306	30	72	19	38.6	35.2
NU 307	NJ 307	NUP 307	N 307	35	80	21	49.6	46.9
NU 308	NJ 308	NUP 308	N 308	40	90	23	58.6	56.9
NU 309	NJ 309	NUP 309	N 309	45	100	25	78.8	77.5
NU 310	NJ 310	NUP 310	N 310	50	110	27	92.2	93.4
NU 311	NJ 311	NUP 311	N 311	55	120	29	111	111
NU 312	NJ 312	NUP 312	N 312	60	130	31	124	126
NU 313	NJ 313	NUP 313	N 313	65	140	33	137	139
NU 314	NJ 314	NUP 314	N 314	70	150	35	162	168
NU 315	NJ 315	NUP 315	N 315	75	160	37	194	205
NU 316	NJ 316	NUP 316	N 316	80	170	39	194	207
NU 317	NJ 317	NUP 317	N 317	85	180	41	225	247
NU 318	NJ 318	NUP 318	N 318	90	190	43	243	265
NU 319	NJ 319	NUP 319	N 319	95	200	45	277	311
NU 320	NJ 320	NUP 320	N 320	100	215	47	323	337



BEARING NUMBER	NOMINAL DIMENSIONS' [mm]			LOAD RATING(N)		RPM	Weight
				Dynamic	Static		Kgs
	d	D	B				
NF 304	20	52	15	15500	14400	12000	0.149
NF 305	25	62	17	21900	18700	10000	0.235
NF 306	30	72	19	28800	26200	8500	0.350
NF 307	35	80	21	37000	35200	8000	0.451
NF 308	40	90	23	43500	43000	6800	0.643
NF 309	45	100	25	58500	58000	6300	0.857
NF 310	50	110	27	65000	64500	5700	1.100
NF 311	55	120	29	82500	83000	5100	1.420
NF 312	60	130	31	92000	94000	4700	1.760
NF 313	65	140	33	101000	104000	4500	2.180
NF 314	70	150	35	118000	165000	4100	2.650
NF 315	75	160	37	142000	153000	3800	3.210
NF 316	80	170	39	142000	155000	3600	3.770
NF 317	85	180	41	168000	185000	3400	4.440
NF 318	90	190	43	180000	198000	3200	5.180
NF 319	95	200	45	193000	216000	3100	5.990
NF 320	100	215	47	225000	251000	2900	7.320
NF 321	105	225	49	255000	288000	2700	8.330
NF 322	110	240	50	285000	326000	2500	9.770
NF 324	120	260	55	333000	382000	2400	12.500
NF 326	130	280	58	416000	498000	2200	17.000
NF 328	140	300	62	446000	558000	2000	20.700
NF 330	150	320	65	495000	600000	1700	24.700

BEARING NUMBER	NOMINAL DIMENSIONS' [mm]			LOAD RATING(N)		RPM	Weight
				Dynamic	Static		Kgs
	d	D	B				
N 405	25	80	21	34800	30000	7500	0.536
N 406	30	90	23	46500	41000	7500	0.732
N 407	35	100	25	56000	52000	6800	0.965
N 408	40	110	27	71000	66000	6000	1.270
N 409	45	120	29	80000	76000	5700	1.580
N 410	50	130	31	103000	102000	5100	1.970
N 411	55	140	33	104000	103000	4800	2.420
N 412	60	150	35	125000	126000	4200	2.930
N 413	65	160	37	146000	152000	4100	3.500
N 414	70	180	42	171000	176000	3600	5.100
N 415	75	190	45	196000	205000	3400	6.208
N 416	80	200	48	224000	236000	3200	7.140
N 417	85	210	52	245000	260000	3100	9.170
N 418	90	225	54	280000	300000	2900	10.900
N 419	95	240	55	300000	333000	2700	12.900
N 420	100	250	58	333000	375000	2500	14.500
N 421	105	260	60	370000	415000	2400	16.200
N 422	110	280	65	405000	465000	2200	20.600
N 424	120	310	72	500000	575000	2000	28.200
N 426	130	340	78	615000	715000	1800	36.800
N 428	140	360	82	655000	765000	1600	43.200
N 430	150	380	85	695000	840000	1300	49.600



BEARING NUMBER	NOMINAL DIMENSIONS' [mm]			LOAD RATING(N)		RPM	Weight
				Dynamic	Static		Kgs
	d	D	B				
NU 405	25	80	21	34800	30000	7500	0.550
NU 406	30	90	23	46500	41000	7500	0.751
NU 407	35	100	25	56000	52000	6800	0.990
NU 408	40	110	27	71000	66000	6000	1.300
NU 409	45	120	29	80000	76000	5700	1.620
NU 410	50	130	31	103000	102000	5100	2.010
NU 411	55	140	33	104000	103000	4800	2.480
NU 412	60	150	35	125000	126000	4200	3.000
NU 413	65	160	37	146000	152000	4100	3.600
NU 414	70	180	42	171000	176000	3600	5.240
NU 415	75	190	45	196000	205000	3400	6.220
NU 416	80	200	48	224000	236000	3200	7.320
NU 417	85	210	52	245000	260000	3100	9.400
NU 418	90	225	54	280000	300000	2900	11.200
NU 419	95	240	55	300000	333000	2700	13.200
NU 420	100	250	58	333000	375000	2500	14.900
NU 421	105	260	60	370000	415000	2400	16.600
NU 422	110	280	5	405000	465000	2200	21.100
NU 424	120	310	72	500000	575000	2000	28.900
NU 426	130	340	78	615000	715000	1800	37.700
NU 428	140	360	82	655000	765000	1600	44.300
NU 430	150	380	85	695000	840000	1300	50.800

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NJ 405	25	80	21	34800	30000	7500	0.536
NJ 406	30	90	23	46500	41000	7500	0.732
NJ 407	35	100	25	56000	52000	6800	0.965
NJ 408	40	110	27	71000	66000	6000	1.270
NJ 409	45	120	29	80000	76000	5700	1.580
NJ 410	50	130	31	103000	102000	5100	1.970
NJ 411	55	140	33	104000	103000	4800	2.420
NJ 412	60	150	35	125000	126000	4200	2.930
NJ 413	65	160	37	146000	152000	4100	3.500
NJ 414	70	180	42	171000	176000	3600	5.100
NJ 415	75	190	45	196000	205000	3400	6.208
NJ 416	80	200	48	224000	236000	3200	7.140
NJ 417	85	210	52	245000	260000	3100	9.170
NJ 418	90	225	54	280000	300000	2900	10.900
NJ 419	95	240	55	300000	333000	2700	12.900
NJ 420	100	250	58	333000	375000	2500	14.500
NJ 421	105	260	60	370000	415000	2400	16.200
NJ 422	110	280	65	405000	465000	2200	20.600
NJ 424	120	310	72	500000	575000	2000	28.200
NJ 426	130	340	78	615000	715000	1800	36.800
NJ 428	140	360	82	655000	765000	1600	43.200
NJ 430	150	380	85	695000	840000	1300	49.600

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NF 411	55	140	33	104000	103000	4800	2.420
NF 412	60	150	35	125000	126000	4200	2.930
NF 413	65	160	37	146000	152000	4100	3.500
NF 414	70	180	42	171000	176000	3600	5.100
NF 415	75	190	45	196000	205000	3400	6.208
NF 416	80	200	48	224000	236000	3200	7.140
NF 417	85	210	52	245000	260000	3100	9.170
NF 418	90	225	54	280000	300000	2900	10.900
NF 419	95	240	55	300000	333000	2700	12.900
NF 420	100	250	58	333000	375000	2500	14.500
NF 421	105	260	60	370000	415000	2400	16.200
NF 422	110	280	65	405000	465000	2200	20.600
NF 424	120	310	72	500000	575000	2000	28.200
NF 426	130	340	78	615000	715000	1800	36.800
NF 428	140	360	82	655000	765000	1600	43.200
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NUP 405	25	80	21	34800	30000	7500	0.550
NUP 406	30	90	23	46500	41000	7500	0.751
NUP 407	35	90	25	56000	52000	6800	0.990
NUP 408	40	110	27	71000	66000	6000	1.300
NUP 409	45	120	29	80000	76000	5700	1.620
NUP 410	50	130	31	103000	102000	5100	2.010
NUP 411	55	140	33	104000	103000	4800	2.480
NUP 412	60	150	35	125000	126000	4200	3.000
NUP 413	65	160	37	146000	152000	4100	3.600
NUP 414	70	180	42	171000	176000	3600	5.240
NUP 415	75	190	45	196000	205000	3400	6.220
NUP 416	80	200	48	224000	236000	3200	7.320
NUP 417	85	210	52	245000	260000	3100	9.400
NUP 418	90	225	54	280000	300000	2900	11.200
NUP 419	95	240	55	300000	333000	2700	13.200
NUP 420	100	250	58	333000	375000	2500	24.900
NUP 421	105	260	60	370000	415000	2400	16.600
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NUP 428	140	360	82	655000	765000	1600	44.300
NUP 430	150	380	85	695000	840000	1300	50.800