

Cylindrical Roller Bearing Data Table

Bearing No		Dimension(mm)					Load Ratings(N)		Limiting speed(rpm)		Weight(kg)
New No.	Old No.	d	D	B	rsmin	r1min	Cr	Cor	Grease	Oil	
SZ-4101		16	44	8.3			15700	18000			0.07011
N203	2203	17	40	12	0.6	0.3	11400	9100	16000	19000	0.07800
NJ203	42203	17	40	12	0.7	0.3	11400	9100	16000	19000	0.06900
NJ203ETN1		17	40	12	0.6	0.6	16900	13800	16000	19000	0.07158
NU203	32203	17	40	12	0.6	0.3	11400	9100	16000	19000	0.07000
NU203ETN1		17	40	12	0.6	0.3	16900	13800	16000	19000	0.06654
NJ2203E		17	40	16	0.6	0.3	22800	20300	13800	16400	0.09200
N204	2204	20	47	14	1	0.6	15800	13100	13800	16400	0.13300
NF204	12204	20	47	14	1	0.6	15800	13100	13800	16400	0.11000
NJ204	42204	20	47	14	1.1	0.7	17000	14400	13800	16400	0.14000
NU204	32204	20	47	14	1	0.6	15800	13100	13800	16400	0.13500
NU204/C3		20	47	14	1	0.6	14400	13100	13800	16400	0.10670
N304	2304	20	52	15	1.1	0.6	21800	17700	11400	13800	0.14470
NJ304	42304	20	52	15	1.1	0.6	21800	17700	11400	13800	0.15750
NU304	32304	20	52	15	1.1	0.6	21800	17700	11400	13800	0.15190
NUP304ETN1		20	52	15	1.1	0.6	31500	26800	10600	13100	0.15582
NJ2304ETN1		20	52	21	1.1	0.6	42000	38700	10000	13000	0.21267
N205	2205	25	52	15	1	0.6	17000	14900	11400	13800	0.13280
NF205	12205	25	52	15	1	0.6	17000	14900	11400	13800	0.13630
NJ205	42205	25	52	15	1	0.6	17000	14900	11400	13800	0.14840
NJ205E	42205E	25	52	15	1	0.6	29900	28400	10600	13100	0.13400
NJ205ETN1		25	52	15	1	0.6	29900	28400	10600	13100	0.13510
NU205	32205	25	52	15	1	0.6	17000	14900	11400	13800	0.13300
NU205ETN1		25	52	15	1	0.6	29900	28400	10600	13100	0.13107
NUP205	92205	25	52	15	1	0.6	17000	14900	11400	13800	0.14950
NCL205	102205	25	52	15	1	0.6	24600	24300	10600	13100	0.14500
N2205	2505	25	52	18	1.1	0.6	24100	23300	10600	13100	0.18700
NJ2205	C0G4250 5	25	52	18	1	1	24100	23300	10600	13100	0.17000
NU2205	32505	25	52	18	1.1	0.6	24100	23300	10600	13100	0.16530
NU2205EV		25	52	18	1	0.6	41400	43300	9200	11400	0.16520
NUP2205ETN1		25	52	18	1	0.6	31500	26800			0.18240
N305	2305	25	62	17	1.1	1.1	29100	25200	9200	11400	0.23430
NF305	12305	25	62	17	1.1	1.1	29100	25200	9200	11400	0.24330
NJ305	42305	25	62	17	1.1	1.1	29100	25200	9200	11400	0.24580
NJ305ETN1		25	62	17	1.1	1.1	41500	37400	8900	10500	0.24364
NU305	32305	25	62	17	1.1	1.1	29100	25200	9200	11400	0.23970
NUP305		25	62	17	1.1	1.1	29100	25200	9200	11400	0.25551
NUP305E		25	62	17	1.1	1.1	41500	37400	8900	10500	0.28505
NUP305N	C0192305	25	62	17	1.1	1.1	29100	25200	9200	11400	0.26300
NU2305E		25	62	24	1.1	1.1	57000	56100	2250	4500	0.36939
NJ2305E		25	62	24	1.1	1.1	57000	56100	7800	9200	0.37739
NJ2305VH		25	62	24	1.1	1.1	63000	57000	2250	4500	0.36950
NUP2305E		25	62	24	1.1	1.1	57000	56100	7800	9200	0.37657
NCL2305	102605	25	62	24	1.5	1.1	57700	61400	7800	9200	0.35800
N206	2206	30	62	16	1	0.6	23900	22200	9400	11300	0.20380
N206E	2206E	30	62	16	1	0.6	36800	34400	8900	10500	0.24000
NJ206	42206	30	62	16	1	0.6	23900	22200	9400	11300	0.23380
NJ206E	C0G4220 6E	30	62	16	1	0.6	39100	37300	8900	10500	0.23080
NJ206ETN1		30	62	16	1	0.6	39100	37300	8900	10500	0.23080
NU206	32206	30	62	16	1	0.6	23900	22200	9400	11300	0.21130
NUP206E	92206E	30	62	16	1	0.6	39100	37300	8900	10500	0.23540
NCL206	102206	30	62	16	1	0.6	33800	35100	8900	10500	0.22400
NJ2206E		30	62	20	1.0	0.6	48900	49800	8900	10500	0.34970
N306	2306	30	72	19	1.1	1.1	35900	31900	7800	9200	0.34480
NJ306	42306	30	72	19	1.1	1.1	35900	31900	7800	9200	0.35240
NU306	32306K	30	72	19	1.1	1.1	35900	31900	7800	9200	0.34590
NU306E		30	72	19	1.1	1.1	53200	50200	7800	9200	0.39282
NU306MN/P63		30	72	19	1.1	1.1	35100	38600	7800	9200	0.38100
NU306	92306	30	72	19	1.1	1.1	35900	31900	7800	9200	0.36950
NFP306	22306K	30	72	19	1.1	1.1	35900	31900	7800	9200	0.37000
NCL6/32V		32	62	18	1.1	0.6	53400	56200	7000	8500	0.23670

NCL6/32V/P6		32	62	18	1.1	0.6	53400	56200	7000	8500	0.23670
NUP45622		32	75	20	1.1	1.1	50000	44300			0.41125
F-45226		35	62	19	1	0.6	50000	53000	2750	5500	0.21513
R356219		35	62	19	1	0.6	50000	53000	2750	5500	0.21513
N207	2207	35	72	17	1.1	0.6	31400	28900	8300	9900	0.29400
NF207	COG1220 7	35	72	17	1.1	0.6	31400	28900	8300	9900	0.30150
NJ207	42207	35	72	17	1.1	0.6	31400	28900	8300	9900	0.29950
NU207	32207	35	72	17	1.1	0.6	31400	28900	8300	9900	0.29130
NUP207	92207	35	72	17	1.1	0.6	31400	28900	8300	9900	0.32451
NU2207E		35	72	23	1.1	0.6	61600	65200	2200	4300	0.41860
NU2207ETN1		35	72	23	1.1	0.6	61600	65200			0.38950
NJ2207E		35	72	23	1.1	0.6	61600	65200	6600	7900	0.42960
NUP2207E	92507E	35	72	23	1.1	0.6	61600	65200	6600	7900	0.44440
N307	2307K	35	80	21	1.5	1.1	46400	43000	7700	9200	0.45760
NF307	12307K	35	80	21	1.5	1.1	46400	43000	7700	9200	0.47360
NJ307	42307	35	80	21	1.5	1.1	46400	43000	7700	9200	0.48060
NJ307E	COG4423 07EK	35	80	21	1.8	1.3	66500	65300	6600	7900	0.48720
NJ307EV/C4YA	C4G5323 07EK	35	80	21	1.5	1.1	78400	81000	6100	7400	0.50150
C3G42307EK		35	80	21	1.8	1.3	66500	65300	7700	9200	0.48720
NU307	32307	35	80	21	1.5	1.1	46400	43000	7700	9200	0.46760
NU307EV1		35	80	21	1.5	1.1	71000	71000	6600	7900	0.51243
NUP307E	92307E	35	80	21	1.5	1.1	66500	65300	6600	7900	0.52340
NUP307EN		35	80	21	1.5	1.1	66500	65300	6600	7900	0.53710
NUP307EV		35	80	21	1.5	1.1	77500	79800	6600	7900	0.51390
NUP307ENV/C3		35	80	21	1.5	1.1	77500	79800		7900	0.52370
510148		35	80	23	1.1	0.6	65750	77600	6600	7900	0.57100
NJ2304ETN1		35	80	31	1.5	1.1	93000	100500	6600	7900	0.78400
NU2307EV4		35	80	31	1.5	1.1	99000	109000	6600	7900	0.76425
NU2307ETN1/C3		35	80	31	1.5	1.1	92200	99500			0.70876
N208	2208	40	80	18	1.1	1.1	43700	42900	7300	8700	0.37080
NF208	12208	40	80	18	1.1	1.1	43700	42900	7300	8700	0.38380
NJ208	42208	40	80	18	1.1	1.1	43700	42900	7300	8700	0.39730
NU208	32208	40	80	18	1.1	1.1	43700	42900	7300	8700	0.37580
NUP208	92208	40	80	18	1.1	0.6	43700	42900	7300	8700	0.39850
NU2208E		40	80	23	1.1	1.1	72300	77600	2000	3800	0.51782
NU2208EV1		40	80	23	1.1	1.1	73100	78700			0.50502
NJ2208E	42508E	40	80	23	1.1	1.1	72300	77600	6600	7900	0.53082
NJ2208E.TVP3.C3		40	80	23	1.1	1.1	70600	75200	2000	3800	0.48967
N308	2308K	40	90	23	1.5	1.5	58600	56900	6600	7900	0.63650
NF308	12308K	40	90	23	1.5	1.5	58600	56900	6600	7900	0.66990
NF308M/P6	E12308H	40	90	23	1.5	1.5	58600	56900	6600	7900	0.71990
NJ308	42308K	40	90	23	1.5	1.5	58600	56900	6600	7900	0.67930
NU308	32308K	40	90	23	1.5	1.5	58600	56900	6600	7900	0.66610
NUP308E	92308E	40	90	23	1.5	1.5	82200	80300	6100	7400	0.69600
NUP308N	192308	40	90	23	1.5	1.5	58600	56900	6600	7900	0.72078
NUP308EN	192308E	40	90	23	1.5	1.5	82200	80300	6100	7400	0.72540
NUP308ENV		40	90	23	1.5	1.5	97200	101000	5900	7000	0.70250
NJ2308E		40	90	33	1.5	1.5	113200	121100	5900	7000	1.03700
NJ2308E.TVP3		40	90	33	1.5	1.5	121000	140700	1500	3000	0.95869
NUP2308E		40	90	33	1.5	1.5	121000	140700	1500	3000	1.06100
N209	2209	45	85	19	1.1	1.1	45900	46900	7100	8500	0.41880
NF209	12209	45	85	19	1.1	1.1	45900	46900	7100	8500	0.43670
NF209E		45	85	19	1.1	1.1	630000	66400	6600	7900	0.47644
NJ209	42209	45	85	19	1.1	1.1	45900	46900	7100	8500	0.44590
NJ209E		45	85	19	1.1	1.1	63000	66400	6600	7900	0.42995
NJ209ECP		45	85	19	1.1	1.1	63000	66400	7100	8500	0.42995
NU209	32209	45	85	19	1.1	1.1	45900	46900	7100	8500	0.43400
NUP2209E		45	85	23	1.1	1.1	76000	84500	6600	7900	0.59384
NUP2209EN		45	85	23	1.1	1.1	76000	84500	6600	7900	0.58764
N309	2309K	45	100	25	1.1	1.1	72900	69900	5900	7000	0.82390
NF309	12309	45	100	25	1.5	1.5	72900	69900	5900	7000	0.86840
NF309M/P6	E12309H	45	100	25	1.5	1.5	72900	69900	5900	7000	0.70829
NJ309	42309	45	100	25	1.5	1.5	72900	69900	5900	7000	0.87490
NJ309E		45	100	25	1.5	1.5	99200	101000	5000	6000	0.97560
NU309	32309K	45	100	25	1.5	1.5	72900	69900	5900	7000	0.85180
NU309E		45	100	25	1.5	1.5	99200	101000	5000	6000	0.97990

NUP309	92309	45	100	25	1.5	1.5	72900	69900	5900	7000	0.89440
NUP309N	192309	45	100	25	1.5	1.5	72900	69900	5900	7000	0.91000
NUP309EN		45	100	25	1.5	1.5	99200	101000	5000	6000	0.98110
NUP309ENV/C3		45	100	25	1.5	1.5	110500	116100	4500	5300	0.97417
NUP309ENTN1	192309E	45	100	25	1.5	1.5	99200	101000	5000	6000	0.90400
NJ2309E		45	100	36	1.5	1.5	138800	155700	5000	6000	1.38761
NU2309E		45	100	36	1.5	1.5	138800	155700	5000	6000	1.35761
N210	2210	50	90	20	1.1	1.1	48100	50900	6600	7900	0.47520
NF210		50	90	20	1.1	1.1	48100	50900	6600	7900	0.49820
NF210E		50	90	20	1.1	1.1	65900	71800	6200	7300	0.53120
NJ210	42210	50	90	20	1.1	1.1	48100	50900	6600	7900	0.48640
NJ210E		50	90	20	1.1	1.1	65900	71800	6600	7900	0.53020
NU210	32210	50	90	20	1.1	1.1	48100	50900	6600	7900	0.47340
NU210/P6	E32210	50	90	20	1.1	1.1	48100	50900	6600	7900	0.47340
NUP210EN		50	90	20	1.1	1.1	65900	71800	6200	7900	0.52420
NUP210E		50	90	20	1.1	1.1	65900	71800	6200	7900	0.52620
NJ2210ETN1		50	90	23	1.1	1.1	79500	91500	1700	3300	0.56470
NUP2210E		50	90	23	1.1	1.1	79500	91500	6200	7300	0.63660
N310	2310	50	110	27	2	2	88900	88800	5400	6300	1.09410
NF310	12310	50	110	27	2	2	88900	88800	5400	6300	1.10120
NJ310	42310	50	110	27	2	2	88900	88800	5400	6300	1.14800
NJ310E		50	110	27	2	2	112100	116000	5000	6000	1.27325
NJ310N	C0G2623 10K	50	110	27	2	2	88900	88800	5400	6300	1.15300
NU310	32310	50	110	27	2	2	88900	88800	5400	6300	1.12560
NU310/C3		50	110	27	2	2	80800	88800			1.12560
NUP310	92310	50	110	27	2	2	88900	88800	5400	6300	1.20000
NUP310NV		50	110	27	2	2	128200	144700	5400	6300	1.20800
NUP310ENV/C3		50	110	27	2	2	128200	144700	5000	6000	1.20800
N211	2211	55	100	21	1.5	1.1	57900	62200	6000	7100	0.62130
NF211	12211	55	100	21	1.5	1.1	57900	62200	6000	7100	1.65370
NF211E	12211E	55	100	21	1.5	1.1	86100	98700	5400	6500	0.76600
NJ211	42211	55	100	21	1.5	1.1	57900	62200	6000	7100	0.64510
NJ211E		55	100	21	1.5	1.1	86100	98700	5400	6500	0.66160
NJ211ECP		55	100	21	1.5	1.1	86100	98700	5400	6500	0.66160
NU211	32211	55	100	21	1.5	1.1	57900	62200	6000	7100	0.63010
NUP211		55	100	21	1.5	1.1	57900	62200	6000	7100	0.64470
NUP211E		55	100	21	1.5	1.1	86100	98700	5400	6500	0.76060
NJ2211E		55	100	25	1.5	1.1	101200	121500	1500	3000	0.89360
NUP2211EN/C3		55	100	25	1.5	1.1	101200	121500	5400	6500	0.89240
NF311E	12311E	55	120	29	2	2	138100	144300	4500	5300	1.60325
NJ311E	42311E	55	120	29	2	2	138100	144300	4500	5300	1.63700
NUP311EN		55	120	29	2	2	140500	147600	4500	5300	1.66760
NUP311ENV/C3		55	120	29	2	2	153800	165700	4500	5300	1.59230
N212	2212	60	110	22	1.5	1.5	71800	79800	5400	6500	0.82160
NJ212	42212	60	110	22	1.5	1.5	71800	79800	5400	6500	0.83610
NJ212E		60	110	22	1.5	1.5	96200	105600	5000	6000	0.90750
NU212	32212	60	110	22	1.5	1.5	71800	79800	5400	6500	0.82220
NUP212E		60	110	22	1.5	1.5	96200	105600	5000	6000	0.92947
NF312	12312	60	130	31	2.1	2.1	124800	127800	4500	5400	1.86900
NF312E		60	130	31	2.1	2.1	153100	162100	4100	4900	2.02670
NF312E/C3		60	130	31	2.1	2.1	153500	164600	4100	4900	2.02670
NU312E		60	130	31	2.1	2.1	135900	96000	4100	4900	1.99332
NJ312E	42312E	60	130	31	2.1	2.1	153100	162100	4100	4900	2.03500
NUP312ENV/C3		60	130	31	2.1	2.1	185400	195200	4100	4900	1.89200
N2313E		60	130	46	2.1	2.1	225500	266700	4200	5000	2.99210
N213	2213	65	120	23	1.5	1.5	78800	87000	5000	6000	1.19000
NF213	12213	65	120	23	1.5	1.5	78800	87000	5000	6000	1.20500
NJ213	42213	65	120	23	1.5	1.5	78800	87000	5000	6000	1.22000
NU213	32213	65	120	23	1.5	1.5	78800	87000	5000	6000	1.20400
NUP213E		65	120	23	1.5	1.5	109900	122300	5000	6000	1.16646
NU313E		65	140	33	2.1	2.1	182800	194800	4000	4700	2.37380
NJ313E		65	140	33	2.1	2.1	182800	195300	4000	4700	2.30005
NUP313ENV		65	140	33	2.1	2.1	212900	244900	4000	4700	2.20000
N214	2214	70	125	24	1.5	1.5	82100	93500	4800	5700	1.13770
NF214	12214	70	125	24	1.5	1.5	82100	93500	4800	5700	1.17340
NJ214	42214	70	125	24	1.5	1.5	82100	93500	4800	5700	1.20300
NJ214E		70	125	24	1.5	1.5	121000	140700	4500	5400	1.27262
NU214	32214	70	125	24	1.5	1.5	82100	93500	4800	5700	0.94500

NUP214E	92214E	70	125	24	1.5	1.5	121000	140700	4500	5400	1.30600
NF314E		70	150	35	2.1	2.1	207100	226000	3700	4400	2.98900
NU314E		70	150	35	2.1	2.1	207100	226000	3700	4400	2.94617
NJ314E		70	150	35	2.1	2.1	207100	226000	3700	4400	3.00217
NJ314E/C9		70	150	35	2.1	2.1	207100	226000	3700	4400	3.00217
NUP314ENV/C4		70	150	35	2.1	2.1	236300	253300	3700	4400	3.02202
N215	2215	75	130	25	1.5	1.5	95100	108900	4500	5400	1.20430
NF215	12215	75	130	25	1.5	1.5	95100	108900	4500	5400	1.24030
NJ215	42215	75	130	25	1.5	1.5	95100	108900	4500	5400	1.24890
NU215	32215	75	130	25	1.5	1.5	95100	108900	4500	5000	1.21780
N216	2216	80	140	26	2	2	118600	141600	4200	5000	1.72000
NJ216	42216	80	140	26	2	2	108500	125900	4200	5000	1.79000
NU216	32216	80	140	26	2	2	118600	141600	4200	5000	1.75000
NJ217	42217	85	150	28	2	2	122800	144000	4000	4700	2.17000