

HRB Bearings Catalogue - Cylindrical Roller Bearings - Single Row Type

Bearing numbers					Boundary dimensions (mm)							Basic load ratings (kN)		Limiting speeds (r/min)		Dimensions (mm)		Abutment and fillet dimensions (mm)					Weight (kg)
																		da _{min}	Da _{max}	Db _{min}	ra _{max}	r1a _{max}	
NU	NJ	NUP	N	NF	d	D	B	r _{min}	r1 _{min}	Fw	Ew	Cr	Cor	Grease	Oil	D1	d1	da _{min}	Da _{max}	Db _{min}	ra _{max}	r1a _{max}	Weight (kg)
NU203E	NJ	NUP	N	NF	17	40	12	0.6	0.3	22.1	35.1	17.2	14.1	16000	19000	32.5	24.9	19	36	37	0.6	0.3	0.066
NU1004	NJ	NUP	N	NF	20	42	13	0.6	0.3	25.5	36.5	12.3	10.3	17000	20000	33.7	28.3						0.077
NU204E	NJ	NUP	N	NF	20	47	14	1	0.6	26.5	41.5	25.2	22.1	13000	16000	38.5	29.7	24	42	43	1	0.6	0.108
NU2204E	NJ	NUP	N	NF	20	47	18	1	0.6	26.5	41.5	29.7	27.5	13000	16000	38.5	29.7	24	42	43	1	0.6	0.12
NU304E	NJ	NUP	N	NF	20	52	15	1.1	0.6	27.5	45.5	30.5	25.7	12000	15000	12.3	31.2	24	45.5	47	1	0.6	0.149
NU2304E	NJ	NUP	N	NF	20	52	21	1.1	0.6	27.5	45.5	42	39	11000	14000	42.3	31.2	24	45.5	47	1	0.6	0.18
NU1005	NJ	NUP	N	NF	25	47	12	0.6	0.3	30.5	41.5	13	11.6	15000	18000	38.7	33.3	27	43		0.6	0.3	0.091
NU205E	NJ	NUP	N	NF	25	52	15	1	0.6	31.5	46.5	28.7	27	11000	14000	43.5	34.7	29	47	48	1	0.6	0.13
NU2205E	NJ	NUP	N	NF	25	52	18	1	0.6	31.5	46.5	34.1	34	11000	14000	43.5	34.7	29	47	48	1	0.6	0.14
NU305E	NJ	NUP	N	NF	25	62	17	1.1	1.1	34	54	41.6	35.9	9500	12000	50.4	38.1	31.5	55.5	56	1	1	0.237
NU2305E	NJ	NUP		NF	25	62	24	1.1	1.1	34	54	56.1	55	9000	11000	50.4	38.1	31.5	55.5	56	1	1	0.25
NU1006	NJ	NUP	N	NF	30	55	13	1	0.6	36.5	48.5	17.9	17.3	12000	15000	45.7		34	50		1	0.6	0.12
NU206E	NJ	NUP	N	NF	30	62	16	1	0.6	37.5	55.5	37.7	36.5	9500	12000	51.9	41.3	34	57	57	1	0.6	0.2
NU2206E	NJ	NUP	N	NF	30	62	20	1	0.6	37.5	55.5	48.4	49	9500	12000	51.9	41.3	34	57	57	1	0.6	0.27
NU306E	NJ	NUP	N	NF	30	72	19	1.1	1.1	40.5	62.5	51.6	48.4	9000	11000	58.5	45	36.5	65.5	64	1	1	0.36
NU2306E	NJ	NUP	N	NF	30	72	27	1.1	1.1	40.5	62.5	73.7	75	8000	9500	58.5	45	36.5	65.5	64	1	1	0.53
NU406	NJ	NUP	N	NF	30	90	23	1.5	1.5	45	73	60.5	53	7500	9000	66.6	50.5	38	82		1.5	1.5	0.75
NU1007	NJ	NUP	N	NF	35	62	14	1	0.6	42	55	35.8	38	10000	13000	51.9		38	57		1	0.6	0.18
NU207E	NJ	NUP	N	NF	35	72	17	1.1	0.6	44	64	48.7	48.2	8500	10000	60.7	48.3	39	65.5	66	1	0.6	0.296
NU2207E	NJ	NUP	N	NF	35	72	23	1.1	0.6	44	64	59.4	63	8500	10000	60.7	48.3	39	65.5	66	1	0.6	0.4
NU307E	NJ	NUP	N	NF	35	80	21	1.5	1.1	46.2	70.2	65	53.3	8000	9500	66.3	51.5	41.5	72	72	1.5	1	0.472
NU2307E	NJ	NUP	N	NF	35	80	31	1.5	1.1	46.2	70.2	91.3	98	7000	8500	66.3	51.5	41.5	72	72	1.5	1	0.72
NU407	NJ	NUP	N	NF	35	100	25	1.5	1.5	53	83	76.5	69.5	6700	8000	76.1	59	43	92		1.5	1.5	1
NU1008	NJ	NUP	N	NF	40	68	15	1	0.6	47	61	25.1	26	9500	12000	57.6		44	63		1	0.6	0.22
NU208E	NJ	NUP	N	NF	40	80	18	1.1	1.1	49.5	71.5	53.9	53.2	7500	9000	67.1	54.2	46.5	73.5	73	1	1	0.368
NU2208E	NJ	NUP	N	NF	40	80	23	1.1	1.1	49.5	71.5	70.4	75	7500	9000	67.1	54.2	46.5	73.5	73	1	1	0.49

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																		da _{min}	Da _{max}	Db _{min}	ra _{max}	r1a _{max}	
NU	NJ	NUP	N	NF	d	D	B	r _{min}	r1 _{min}	Fw	Ew	Cr	Cor	Grease	Oil	D1	d1						
NU308E	NJ	NUP	N	NF	40	90	23	1.5	1.5	52	80	80.4	78	6700	8000	75.4	57.7	48	82	82	1.5	1.5	0.636
NU2308E	NJ	NUP	N	NF	40	90	33	1.5	1.5	52	80	112	120	6700	8000	75.4	57.7	48	82	82	1.5	1.5	0.95
NU408	NJ	NUP	N	NF	40	110	27	1.5	1.5	58	92	96.8	90	6000	7000	84.2	64.8	49	101		2	2	1.3
NU1009	NJ	NUP	N	NF	45	75	16	1	0.6	52.5	67.5	44.6	52	9000	11000	65.3		49	101		1	0.6	0.26
NU209E	NJ	NUP	N	NF	45	85	19	1.1	1.1	54.5	76.5	61.3	64.1	6700	8000	72.1	59.2	51.5	78.5	78	1	1	0.424
NU2209E	NJ	NUP	N	NF	45	85	23	1.1	1.1	54.5	76.5	76.2	81.5	6700	8000	72.1	59.2	51.5	78.5	78	1	1	0.52
NU309E	NJ	NUP	N	NF	45	100	25	1.5	1.5	58.5	88.5	97.6	98.3	6300	7500	83.6	64.7	53	92	91	1.5	1.5	0.873
NU2309E	NJ	NUP	N	NF	45	100	36	1.5	1.5	58.5	88.5	138	153	6300	7500	83.6	64.7	53	92	91	1.5	1.5	1.3
NU409	NJ	NUP	N	NF	45	120	29	2	2	64.5	100.5	106	102	5600	6700	95.2	71.8	54	111		2	2	1.65
NU1010	NJ	NUP	N	NF	50	80	16	1	0.6	57.5	72.5	30.1	33.1	8500	10000	68.9	61.3	54	75		1	0.6	0.3
NU210E	NJ	NUP	N	NF	50	90	20	1.1	1.1	59.5	81.5	64.1	69.3	6300	7500	77.1	64.2	56.5	83.5	84	1	1	0.482
NU2210E	NJ	NUP	N	NF	50	90	23	1.1	1.1	59.5	81.5	79.2	88	6300	7500	77.1	64.2	56.5	83.5	84	1	1	0.575
NU310E	NJ	NUP	N	NF	50	110	27	2	2	65	97	110	113	5000	6000	91.7	71.2	59	101	99	2	2	1.12
NU2310E	NJ	NUP	N	NF	50	110	40	2	2	65	97	161	186	5000	6000	91.7	71.2	59	101	99	2	2	1.7
NU410	NJ	NUP	N	NF	50	130	31	2.1	2.1	70.8	110.8	130	127	5000	6000	102	78.8	61	119		2	2	2
NU1011	NJ	NUP	N	NF	55	90	18	1.1	1	64.5	80.5	36.9	42.6	7000	8500	76.6	68.4	60	83.5		1	1	0.422
NU211E	NJ	NUP	N	NF	55	100	21	1.5	1.1	66	90	84.2	96.7	6000	7000	85.2	70.9	61.5	82	92	1.5	1.5	0.649
NU2211E	NJ	NUP	N	NF	55	100	25	1.5	1.1	66	90	99	118	6000	7000	85.2	70.9	61.5	92	92	1.5	1.5	0.79
NU311E	NJ	NUP	N	NF	55	120	29	2	2	70.5	106.5	134	141	4800	5600	100.6	77.4	64	111	109	2	2	1.44
NU2311E	NJ	NUP	N	NF	55	120	43	2	2	70.5	106.5	501	232	4800	5600	100.6	77.4	64	111	109	2	2	2.2
NU411	NJ	NUP	N	NF	55	140	33	2.1	2.1	77.2	117.2	142	140	4800	5600	108	85.2	66	129		2	2	2.5
NU1012	NJ	NUP	N	NF	60	95	18	1.1	1	69.5	85.5	37.4	44	6700	8000	81.6		65	88.5		1	1	0.48
NU212E	NJ	NUP	N	NF	60	110	22	1.5	1.5	72	100	93.9	102	5300	6300	94.4	77.7	68	102	102	1.5	1.5	0.807
NU2212E	NJ	NUP	N	NF	60	110	28	1.5	1.5	72	100	128	153	5300	6300	94.4	77.7	68	102	102	1.5	1.5	1.1
NU312E	NJ	NUP	N	NF	60	130	31	2.1	2.1	77	115	150	159	4300	5000	110	84.3	71	119	118	2	2	1.81
NU2312E	NJ	NUP	N	NF	60	130	46	2.1	2.1	77	115	224	265	4300	5000	110	84.3	71	119	118	2	2	2.75
NU412	NJ	NUP	N	NF	60	150	35	2.1	2.1	83	127	168	173	4300	5000	117	91.8	71	139		2	2	3

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NU	NJ	NUP	N	NF	d	D	B	r _{min}	r1 _{min}	Fw	Ew	Cr	Cor	Grease	Oil	D1	d1	da _{min}	Da _{max}	Db _{min}	ra _{max}	r1a _{max}	
NU1013	NJ	NUP	N	NF	65	100	18	1.1	1	74.5	90.5	38	46.5	6300	7500	86.6		70	93.5		1	1	0.51
NU213E	NJ	NUP	N	NF	65	120	23	1.5	1.5	78.5	108.5	107	119	4800	5600	102.5	84.5	73	112	111	1.5	1.5	1.02
NU2213E	NJ	NUP	N	NF	65	120	31	1.5	1.5	78.5	108.5	147	180	4800	5600	102.5	84.5	73	112	111	1.5	1.5	1.4
NU313E	NJ	NUP	N	NF	65	140	33	2.1	2.1	82.5	124.5	183	190	4000	4800	118	90.6	76	129	127	2	2	2.21
NU2313E	NJ	NUP	N	NF	65	140	48	2.1	2.1	82.5	124.5	254	290	4000	4800	118	90.6	76	129	127	2	2	3.3
NU413	NJ	NUP	N	NF	65	160	37	2.1	2.1	89.3	135.5	183	190	4000	4800	125	98.5	76	149		2	2	3.6
NU1014	NJ	NUP	N	NF	70	110	20	1.1	1	80	100	56.1	67.2	6000	7000	95.4		75	103.5		1	1	0.7
NU214E	NJ	NUP	N	NF	70	125	24	1.5	1.5	83.5	113.5	119	137	4500	5300	107.5	89.5	78	117	116	1.5	1.5	1.13
NU2214E	NJ	NUP	N	NF	70	125	31	1.5	1.5	83.5	113.5	154	193	4500	5300	107.5	89.5	78	117	116	1.5	1.5	1.5
NU314E	NJ	NUP	N	NF	70	150	35	2.1	2.1	89	133	204	220	3600	4300	126.2	97.5	81	139	136	2	2	2.68
NU2314E	NJ	NUP	N	NF	70	150	51	2.1	2.1	89	133	275	325	3600	4300	126.2	97.5	81	139	136	2	2	4
NU414	NJ	NUP	N	NF	70	180	42	3	3	100	152	229	240	3600	4300	140	110	83	167		2.5	2.5	5.25
NU1015	NJ	NUP	N	NF	75	115	20	1.1	1	85	105	58.3	71	5600	6700	101		80	108.5		1	1	0.75
NU215E	NJ	NUP	N	NF	75	130	25	1.5	1.5	88.5	118.5	130	156	4500	5300	112.5	94.5	83	122	121	1.5	1.5	1.26
NU2215E	NJ	NUP	N	NF	75	130	31	1.5	1.5	88.5	118.5	161	208	4500	5300	112.5	94.5	83	122	121	1.5	1.5	1.6
NU315E	NJ	NUP	N	NF	75	160	37	2.1	2.1	95	143	242	261	3400	4000	135.6	104	86	149	146	2	2	3.25
NU2315E	NJ	NUP	N	NF	75	160	55	2.1	2.1	95	143	330	400	3400	4000	135.6	104	86	149	146	2	2	4.9
NU415	NJ	NUP	N	NF	75	190	45	3	3	104.5	160.5	264	280	3400	4000	148	116	88	177		2.5	2.5	6.25
NU1016	NJ	NUP	N	NF	80	125	22	1.1	1	91.5	113.5	66	81.5	5300	6300	109		85	118.5		1	1	0.99
BU216E	NJ	NUP	N	NF	80	140	26	2	2	95.3	127.3	139	167	4000	4800	121.7	101.1	89	131	130	2	2	1.52
NU2216E	NJ	NUP	N	NF	80	140	33	2	2	95.3	127.3	187	245	4000	4800	121.7	101.1	89	131	130	2	2	2
NU316E	NJ	NUP	N	NF	80	170	39	2.1	2.1	101	151	260	284	3200	3800	143	110	91	159	154	2	2	3.88
NU2316E	NJ	NUP	N	NF	80	170	58	2.1	2.1	101	151	358	440	3200	3800	143	110.1	91	159	154	2	2	5.85
NU416	NJ	NUP	N	NF	80	200	48	3	3	110	170	303	320	3200	3800	157	122	93	187		2.5	2.5	7.3
NU1017	NJ	NUP	N	NF	85	130	22	1.1	1	96.5	118.52	68.2	86.5	5000	6000	114		90	123.5		1	1	1.05
NU217E	NJ	NUP	N	NF	85	150	28	2	2	100.5	136.5	166	196	3800	4500	130.2	107.1	94	141	139	2	2	1.89

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																		da _{min}	Da _{max}	Db _{min}	ra _{max}	r1a _{max}	
NU	NJ	NUP	N	NF	d	D	B	r _{min}	r1 _{min}	Fw	Ew	Cr	Cor	Grease	Oil	D1	d1	da _{min}	Da _{max}	Db _{min}	ra _{max}	r1a _{max}	
NU1022	NJ	NUP	N	NF	110	170	28	2	1.1	125	155	128	166	3800	4800	149		116.5	161		2	1	2.3
NU222E	NJ	NUP	N	NF	110	200	38	2.1	2.1	132.5	180.5	291	362	2800	3400	172.1	141.3	121	189	183	2	2	4.77
NU2222	NJ	NUP	N	NF	110	200	53	2.1	2.1	132.5	180.5	291	362	2800	3400	172.1	141.3	121	189		2	2	6.7
NU322E	NJ	NUP	N	NF	110	240	50	3	3	143	211	468	540	2000	2600	199.9	155.9	123	227	215	2.5	2.5	10.5
NU2322	NJ	NUP	N	NF	110	240	80	3	3	143	211	682	900	2000	2600	199.9	155.9	123	227		2.5	2.5	17
NU422	NJ	NUP	N	NF	110	280	65	4	4	155		523	585	2000	2600	217	171	126	264		3	3	20
NU1024	NJ	NUP	N	NF	120	180	28	2	1.1	135	165	134	183	3400	4000	159		126.5	171		2	1	2.45
NU224E	NJ	NUP	N	NF	120	215	40	2.1	2.1	143.5	195.5	341	430	2400	3000	186.4	153	131	204	199	2	2	5.75
NU2224	NJ	NUP	N	NF	120	215	58	2.1	2.1	143.5	195.5	457	630	2400	3000	186.4	153	131	204		2	2	8.3
NU324E	NJ	NUP	N	NF	120	260	55	3	3	154	230	539	620	1900	2400	219	168	133	247	234	2.5	2.5	13.5
NU2324	NJ	NUP	N	NF	120	260	86	3	3	154	230	792	1040	1900	2400	219	168	133	247		2.5	2.5	24
NU424	NJ	NUP	N	NF	120	310	72	5	5	170	260	644	735	1900	2400	240	188	140	290		4	4	28
NU1026	NJ	NUP	N	NF	130	200	33	2	1.1	148	182	165	224	3200	3800	175		136.5	191		2	1	3.75
NU226E	NJ	NUP	N	NF	130	230	40	3	3	153.5	209.5	358	455	2200	2800	202	164	143	217	213	2.5	2.5	6.45
NU2226	NJ	NUP	N	NF	130	230	64	3	3	153.5	209.5	528	735	2200	2800	202	164	143	217		2.5	2.5	10.5
NU326E	NJ	NUP	N	NF	130	280	58	4	4	167	247	627	750	1800	2200	236	181	146	264	251	3	3	18.5
NU2326	NJ	NUP	N	NF	130	280	93	4	4	167	247	935	1250	1800	2200	236	181	146	264	251	3	3	30
NU1028	NJ	NUP	N	NF	140	210	33	2	1.1	158	192	172	245	3000	3600	185		146.5	201	225	2	1	4
NU228E	NJ	NUP	N	NF	140	250	42	3	3	169	221	391	510	2000	2600	217	179	153	237		2.5	2.5	8.3
NU2228	NJ	NUP	N	NF	140	250	68	3	3	169	221	572	830	2000	2600	217	179	153	237	225	2.5	2.5	13.5
NU328E	NJ	NUP	N	NF	140	300	62	4	4	180	260	682	830	1800	2200	252	195	156	284	264	3	3	22.2
NU2328	NJ	NUP	N	NF	140	300	102	4	4	180	260	1050	143	1800	2200	252	195	156	284	264	3	3	37
NU1030	NJ	NUP	N	NF	150	225	35	2.1	1.5	169.5	205.5	194	275	2600	3200	198		158	214		2	1.5	4.85
NU230E	NJ	NUP	N	NF	150	270	45	3	3	182	238	446	600	1900	2400	234	193	163	257	242	2.5	2.5	10.5
NU2230	NJ	NUP	N	NF	150	270	73	3	3	182	238	627	930	1900	2400	234	194	163	257	242	2.5	2.5	19
NU330E	NJ	NUP	N	NF	150	320	65	4	4	193	283	781	965	1700	2000	270	209	166	304	287	3	3	27.5
NU2330	NJ	NUP	N	NF	150	320	108	4	4	193	283	1190	1630	1700	2000	270	209	166	304	287	3	3	45

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NU	NJ	NUP	N	NF	d	D	B	r _{min}	r1 _{min}	Fw	Ew	Cr	Cor	Grease	Oil	D1	d1	da _{min}	Da _{max}	Db _{min}	ra _{max}	r1a _{max}	
NU1032	NJ	NUP	N	NF	160	240	38	2.1	1.5	180	220	229	325	2400	3000	211		168	229		2	1.5	5.95
NU232E	NJ	NUP	N	NF	160	290	48	3	3	195	259	501	680	1800	2200	250	206	173	277	263	2.5	2.5	15
NU2232	NJ	NUP	N	NF	160	290	80	3	3	193	261	809	1200	1800	2200	252	205	173	277	263	2.5	2.5	24
NU332E	NJ	NUP	N	NF	160	340	68	4.3	4	204	300	880	1080	1500	1800	286	221	176	324		3	3	32.5
NU2332	NJ	NUP	N	NF	160	340	114	4	4	204	300	1320	1860	1500	1800	286	221	176	324		3	3	53
NU1034	NJ	NUP	N	NF	170	260	42	2.1	2.1	193	237	275	400	2200	2800	227	201	181	249		2	2	7.9
NU234E	NJ	NUP	N	NF	170	310	52	4	4	207	279	616	815	1800	2200	269	220	186	294		3	3	19
NU2234	NJ	NUP	N	NF	170	310	86	4	4	205	281	968	1430	1800	2200	170	219	186	294		3	3	30
NU334	NJ	NUP	N	NF	170	360	72	4	4	220	310	809	1040	1600	1900	290	238	186	344	323	3	3	38.5
NU2334	NJ	NUP	N	NF	170	360	120	4	4	220	318	1230	1800	1400	1700	290	238	186	344		3	3	63
NU1036	NJ	NUP	N	NF	180	280	46	2.1	2.1	205	255	336	475	2000	2600	244	215	191	269		2	2	10.5
NU236	NJ	NUP	N	NF	180	320	52	4	4	217	289	627	850	1700	2000	279	230	196	304		3	3	19.5
NU2236	NJ	NUP	N	NF	180	320	86	4	4	215	291	1010	1500	1700	2000	280	229	196	304		3	3	31.5
NU336	NJ	NUP	N	NF	180	380	75	4	4	232	328	913	1180	1500	1800	306	252	196	364		3	3	42.5
NU2336	NJ	NUP	N	NF	180	380	126	4	4	232	328	1400	2040	1300	1600	206	252	196	364		3	3	73
NU1038	NJ	NUP	N	NF	190	290	46	2.1	2.1	215	265	347	500	2000	2600	254	225	201	279		2	2	10
NU238	NJ	NUP	N	NF	190	340	55	4	4	230	306	693	965	1600	1900	295	244	206	324		3	3	23.5
NU2238	NJ	NUP	N	NF	190	340	92	4	4	228	308	1100	1660	1600	1900	297	242	206	324		3	3	39
NU338	NJ	NUP	N	NF	190	400	78	5	5	245	345	1140	1500	1200	1500	338	264	210	380		4	4	50
NU2338	NJ	NUP	N	NF	190	400	132	5	5	245	345	1830	2550	1200	1500	341		210	380		4	4	82.5
NU1040	NJ	NUP	N	NF	200	310	51	2.1	2.1	229	281	380	570	1900	2400	269	239	211	299		2	2	14
NU240	NJ	NUP	N	NF	200	360	58	4	4	243	323	765	1060	1500	1800	312	258	216	344		3	3	28.5
NU2240	NJ	NUP	N	NF	200	360	98	4	4	241	325	1230	1900	1500	1800	313	256	216	344		3	3	46

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Bearing numbers		Boundary dimensions (mm)								Basic load ratings (kN)		Limiting speeds (r/min)		Abutment and fillet dimensions (mm)						Weight (kg)
Cylindrical hole	Conical hole	d	D	B	r	Fw	Ew	b	k	Cr	Cor	Grease	Oil	da _{min}	da _{max}	db _{min}	Da _{max}	Da _{min}	ra _{max}	Conical hole
NN3005	NN3005K	25	47	16	0.6		41.3	6	2.5	26	31.3	19000	22000	29			43	42	0.6	0.12
NN3006	NN3006K	30	55	19	1		48.5	6	2.5	35.2	41.6	16000	18000	35			50	49	1	0.189
NN3007	NN3007K	35	65	20	1		55	6	2.5	37.7	47.5	14000	16000	40			57	56	1	0.249
NN3008	NN3008K	40	68	21	1		61	6	2.5	44.6	57.4	12000	14000	45			63	62	1	0.28
NN3009	NN3009K	45	75	23	1		67.5	6	2.5	52.8	77.9	11000	13000	50			70	69	1	0.366
NN3010/W33	NN3010K/W33	50	80	23	1		72.5	6	2.5	56.5	78.5	10000	12000	55			75	74	1	0.406
NN3011/W33	NN3011K/W33	55	90	26	1.1		81	8	3	71.7	98	9500	11000	61.5			83.5	82	1	0.595
NN3012/W33	NN3012K/W33	60	95	26	1.1		86.1	8	3	72.9	98.8	9000	10000	66.5			88.5	87	1	0.634
NN3013/W33	NN3013K/W33	65	100	26	1.1		91	8	3	82.6	112	8500	9500	71.5			93.5	92	1	0.675
NN3014/W33	NN3014K/W33	70	110	30	1.1		100	8	3	94.7	136	7500	8500	76.5			103.5	101	1	0.976
NN3015/W33	NN3015K/W33	75	115	30	1.1		105	8	3	95.9	142	7000	8000	81.5			108.5	106	1	1.02
NN3016/W33	NN3016K/W33	80	125	34	1.1		113	8	3.5	120	178	6700	7500	86.5			118.5	106	1	1.42
NN3017/W33	NN3017K/W33	85	130	34	1.1		118	8	3.5	124	192	6300	7000	91			123.5	119	1	1.5
NN3018/W33	NN3018K/W33	90	140	37	1.5		127	8	3.5	140	227	6000	6700	98			132	129	1.5	1.94
NN3019/W33	NN3019K/W33	95	145	37	1.5		132	8	3.5	143	237	5600	6300	103			132	134	1.5	2.02
NNU3020/W33	NNU3020K/W33	100	140	40	1.1	113		8	3	144	260	5600	6300	106.5	111	115	133.5		1	1.93

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Bearing numbers		Boundary dimensions (mm)								Basic load ratings (kN)		Limiting speeds (r/min)		Abutment and fillet dimensions (mm)						Weight (kg)
Cylindrical hole	Conical hole	d	D	B	r	Fw	Ew	b	k	Cr	Cor	Grease	Oil	da _{min}	da _{max}	db _{min}	Da _{max}	Da _{min}	ra _{max}	Conical hole
NUU4940/W33	NUU4940K/W33	200	280	80	2.1	225		14	4.5	572	1260	2600	3000	211	222	228	269		2	15.3
	NN3040K/W33	200	310	82	2.1		282	14	6	672	1177	2400	2800	211			299	285	2	22.5
NUU1944/W33	NUU4944/W33	220	300	80	2.1	245		14	4.5	600	1330	2400	2800	231	242	248	289		2	16.6
	NN3044K/W33	220	340	90	3		310	14	6	809	1440	2200	2600	233			327	313	2.5	29.6
NUU4948/W33	NUU4948K/W33	240	320	80	2.1	265		14	4.5	625	1450	2200	2600	251	262	269	309		2	18
	NN3048K/W33	240	360	92	3		330	14	6	842	1560	2000	2400	253			347	333	2.5	32.7
NUU4952/W33	NUU4952K/W33	260	360	100	2.1	292		14	4.5	935	1620	2000	2400	271	288	296	349		2	31.1
	NN3052K/W33	260	400	104	4		364	14	6	1020	1910	1900	2200	276			384	367	3	47.7
	NN3056K	280	420	106	4		384			1060	2290	2200	1800	296				404	3	49.7
NN3056		280	420	106	4		384			1060	2290	1700	1400	296				404	3	52.3
	3182160*	300	460	118	4		418			1290	2790	1200	1500	316				444	3	76.2
	3282160*	300	460	118	4		418			1290	2790	1200	1500	316				444	3	77.9
N3046/W33		320	480	121	4		438	17.7	8	1360	2910	1100	1400	336				464	3	76.3
	482764*	320	480	145	3.7	364		18	8	1650	3870	1100	1300							93.3
NUU49/500X2F1/YA34		500	670	160	5	554				2230	6800	750	100							174
NUU49/530/HCW33		530	710	180	5	588		17.7	6	2660	7450	700	950							203
	NN30/560K	560	820	195	6		755			3380	8170	600	850	590				790	6	337
	31821/600*	600	870	200	6		805			4050	9850	600	800	630				840	6	384
	32821/600K*	600	870	200	6		805	15	8	4050	9850	600	800	630				840	6	403
	31821/630*	630	920	212	7.5		850			4350	10600	550	750	660				890	6	438

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Bearing numbers		Boundary dimensions (mm)								Basic load ratings (kN)		Limiting speeds (r/min)		Abutment and fillet dimensions (mm)						Weight (kg)
Cylindrical hole	Conical hole	d	D	B	r	Fw	Ew	b	k	Cr	Cor	Grease	Oil	da _{min}	da _{max}	db _{min}	Da _{max}	Da _{min}	ra _{max}	Conical hole
	32821/630K*	630	920	212	7.5		850	15	8	4350	10600	550	750	660				890	6	460

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Bearing numbers	Boundary dimensions (mm)							Basic load ratings (kN)		Weight (kg)
	d	D	B	C	r _{min}	r1 _{min}	Fw	Cr	Cor	
FC182870	90	140	70	70	1.5	1.1	105	230	425	3.78
672820Y	100	140	70	70	1.5	1.1	111	190	435	3.1
592820Y	100	140	70	70	1.5	1.1	111	207	435	3.08
672720	100	140	104	104	1.5	1.1	111	300	775	4.99
FC223490	110	170	90	90	2	2	127	428	692	7.4
FC243387	120	165	87	87	1.1	1.1	134.5	374	745	5.6
672724	120	180	105	105	2	2	149	375	770	9.13
FC2640125	130	200	125	125	2	2	149	530	1200	14.6
672728	140	210	125	125	2	2	158	540	1160	14.7
172828U	140	210	155	155	2	2	166	630	1610	18.1
672829	145	210	155	155	2	2	166	630	1610	18.3
FC2945156	145	225	156	156	2	2	169	835	1820	23
FC3042120	150	210	120	120	2	2	168.5	686	1380	12.8
FC3044150	150	220	150	150	2	2	168	889	1760	19.5
FC3045120	150	225	120	120	2	2	169	645	1450	16.7
672730	150	230	156	156	2	2	174	730	1790	23.6
FC3246130	160	230	130	130	1.5	1.5	180	665	1705	16.9
672832Y	160	230	168	168	2.1	2.1	180	670	2170	22.1
FC3246180	160	230	180	180	2	2	178	1140	2270	25
62732KU	160	240	124	124	2.1	2.1	183	685	1530	20.3
FC3248124	160	240	124	124	2.1	2.1	183	685	1530	20.3
FC3248168	160	240	168	168	2.1	2.1	183	965	2350	26.4

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Bearing numbers	Boundary dimensions (mm)							Basic load ratings (kN)		Weight (kg)
	d	D	B	C	r _{min}	r1 _{min}	Fw	Cr	Cor	
FCD3446160	170	230	160	160	2	2	185.5	1100	2360	20
FC3450168	170	250	168	168	2.1	2.1	192	1170	2230	27.6
672734	170	250	170	170	2.1	2.1	192	995	2500	28.5
FC3450170Q1/HG2YA4	170	250	170	170	2.1	2.1	192	1020	2590	28.9
FC3452120	170	260	120	120	2.1	2.1	195	660	1790	24.6
FC3650156	180	250	156	156	2	2	200	1050	2200	23.3
FC3652124	180	260	124	124	2.1	2.1	202	735	1730	21.7
FC3652128	180	260	168	168	2.1	2.1	202	1070	2790	30.2
FC3652168/YA3	180	260	168	168	2.1	2.1	202	1070	2790	30.1
FC3652168Q1/HG2YA4	180	260	168	168	2.1	2.1	202	1390	2790	30.6
FC36521810	180	260	180	180	2.1	2.1	202	1140	3000	31.5
672838	190	260	168	168	2.1	2.1	212	880	2570	22.6
FC3854168	190	270	168	168	2.1	2.1	212	950	2430	30.2
FC3854168/YA3	190	270	168	168	2.1	2.1	212	950	2430	29.9
FC3854168Q1/HG2C9YA4	190	270	268	268	2.1	2.1	212	1045	2430	30.8
FC3854170/YA3	190	270	170	170	2.1	2.1	212	950	2430	30.2
672738	190	270	200	200	2.1	2.1	212	1170	3180	35
FC4054170Q1/YA3	200	270	170	170	2.1	2.1	222	785	2270	28.7
FC4054170Q1/HG2C4Y	200	270	170	170	2.1	2.1	222	785	2270	28.7
FC4056188	200	280	188	188	2.1	2.1	222	985	2580	35.7
FC4056200	200	280	200	200	2	2	222	1450	3090	37.7
FC4058192	200	290	192	192	2.1	2.1	226	1240	3250	40.9
672742	210	300	210	210	2.1	2.1	234	1420	3950	48.3
672742U	210	300	210	210	2.1	2.1	234	1420	3950	48.3
FC4460150	220	300	150	150	2.1	2.1	240	1210	2500	30.7
FC4462192/YA3	220	320	192	192	2.1	2.1	246	1300	1910	45.8

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Bearing numbers	Boundary dimensions (mm)							Basic load ratings (kN)		Weight (kg)
	d	D	B	C	r _{min}	r1 _{min}	Fw	Cr	Cor	
FC4462192	220	310	192	192	2.1	2.1	246	1300	1910	45.8
FC4462225	220	310	225	225	0.6	2.1	244	1450	4050	53.9
672844Y	220	320	210	210	2.1	2.1	248	1430	3800	56.5
FC4468200/YB2	220	340	200	200	4	4	250	1630	3550	63.4
FC4666206/YA3	230	330	206	206	2.1	2.1	260	1350	3800	26.5
FC4668260	230	340	260	260	3	3	261	2310	4900	81.2
FC4866220/YA3	240	330	220	220	2.1	2.1	264	1620	4850	56.5
FC4866220	240	330	220	220	2.1	2.1	264	1620	4850	56.7
FC4868192A	240	340	192	192	2.1	2.1	265	1310	3380	52.8
FC4872220	240	360	200	200	2.1	2.1	272	1700	4410	78
FC4872220A/C4YA3	240	360	220	220	2.5	2.5	272	1700	4410	78
FC4872220Q1/HG2YA4	240	360	220	220	2.1	2.1	272	2210	4410	78.4
FC5070220	250	350	220	220	3	3	278	1930	4200	64.6
FC5072220/YA3	250	360	220	220	3	3	282	1500	4250	76.9
FC5272200/YA3B2	260	360	200	200	3	3	288	1610	4650	63
FC5272260	260	360	260	260	2.1	2.1	287	2300	5320	80
FC5280335	260	400	335	335	1	3	294	3750	7340	149
FC5274200	260	370	200	200	3	3	292	1570	4250	73
FC5274220/YA3	260	370	220	220	3	3	292	1760	4900	79.2
FC5274220	260	370	220	220	2	2	292	1760	4900	80
FC5476230/YA3	270	380	230	230	3	3	298	1720	4800	80.2
FC5478236	270	290	236	236	3	3	312	2100	5950	97.8
FC5676170	280	380	170	170	2.1	2.1	206	1710	3590	55
FC5678220	280	390	220	220	3	3	312	1790	5150	86.5
FCDP5678275	280	390	275	275	1.5	1.1	308	2200	6250	102

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Bearing numbers	Boundary dimensions (mm)							Basic load ratings (kN)		Weight (kg)
	d	D	B	C	r _{min}	r1 _{min}	Fw	Cr	Cor	
572856W	280	410	300	300	4	4	313	2840	7720	132
627260	300	420	240	240	4	4	332	2200	6300	111
672760Y	300	420	240	240	4	4	332	2200	6300	111
FC60B4300	300	420	300	300	3	3	332	3250	7270	127
FC6490240/YA3	320	450	240	240	4	4	355	2460	6720	119
FC6492340	320	460	340	340	3	3	360	3860	8730	187
FC6692340	330	460	340	340	3	3	360	3860	9450	172
FC6890250	340	450	250	250	2.1	2.1	368	2750	6480	106
972770K	350	500	380	380	6	3	388	3550	10200	255
FCD72102370	360	480	290	290	3	3	392	3850	11400	220
FC7296290	360	510	370	370	4	4	397	3470	8510	145
FCDP74104380	370	520	380	380	1.5	1.5	409	3900	12000	296
FCD7480400	370	520	400	400	5	5	413	4740	11900	268
FC76408400	380	540	400	400	5	5	424	5200	12100	287
FCD78110400	390	550	400	400	5	4	434	5130	12400	296
672780	400	550	300	300	5	5	442	3200	5050	223
FCD80112410	400	560	410	410	2	5	445	6300	15800	315
FC84112280	420	560	280	280	4	4	457	3930	9400	189
FCDP88124450	450	630	450	450	4	4	500	6820	16600	433

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Bearing numbers	Boundary dimensions (mm)							Basic load ratings (kN)		Weight (kg)
	d	D	B	C	r _{min}	r1 _{min}	Fw	Cr	Cor	
FCDP92124400	460	620	400	400	4	4	502	6510	17000	350
FCDP92130470	460	650	470	470	6	6	507	8990	22200	494
FCD96130450	480	650	450	450	6	6	525	4750	15400	419
FCDP96136460	480	680	460	460	5	5	532	8620	21300	545
FCD96136500	480	680	500	500	5	5	534	8620		580
FC100134450/P69	500	670	450	450	6	6	540	6100	20100	446
FCD100134450/P69HCYA3	500	670	450	450	6	6	540	7850	23700	460
FCD100138510	500	690	510	510	5	5	552	9010	24600	590
FCD104147535	520	735	535	535	5	5	574.5	10500	27200	738
FCD106B0570	530	780	570	570	6	6	595	12500	30600	952
FCD112160600	560	800	600	600	7.5	7.5	620	13000	33400	1010
6727/570	570	750	530	530	6	6	622	7000	26600	625
FCDP114163594	570	815	594	594	6	6	528	13100	32100	1010
FCDP122174660	610	870	660	660	6	6	680	15200	40300	1310
66721/630K	630	920	515	515	7.5	7.5	700	10700	17160	1182
FCDO130184690	650	920	690	690	7.5	7.5	724	16700	45500	1490
FCDP140196700	700	980	700	700	6	6	774	17800	48200	1680
FCDP145200700	725	1000	700	700	6	6	796	18100	49700	1740

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Bearing numbers	Boundary dimensions (mm)							Basic load ratings (kN)		Weight (kg)
	d	D	B	C	r _{min}	r1 _{min}	Fw	Cr	Cor	
FCDP160216700/HC	800	1080	700	700	3	3	878	12600	48500	1850
FCDP160216750	800	1080	750	880	6	6		18400	55000	2020
FCDP170236850	850	1180	850	850	7.5	7.5	940	25400	72700	2900
FCDP19260850/C9HCYA3	950	1300	850	850	7.5	7.5	10400	23000	85000	3390
6727/950	950	1300	850	850	10	10	1044	21500	80500	3390
E6727/950K	950	1300	850	850	10	10	1044	17900	64000	3360
FCDP206276850	1030	1380	850	850	7.5	7.5	1124	29800	90900	3680