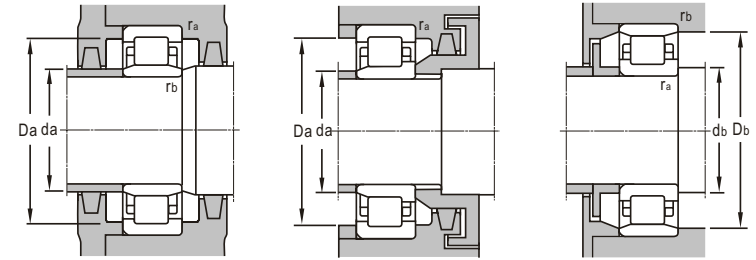
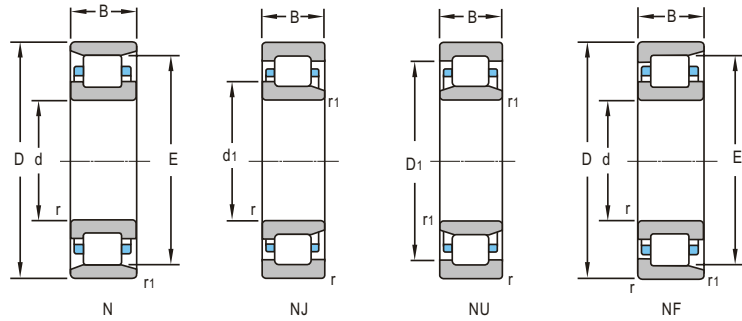




single row



d 17~35mm

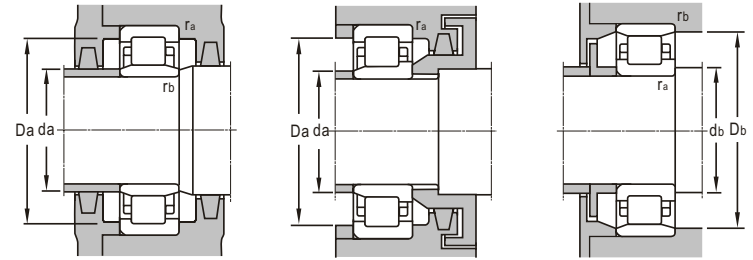
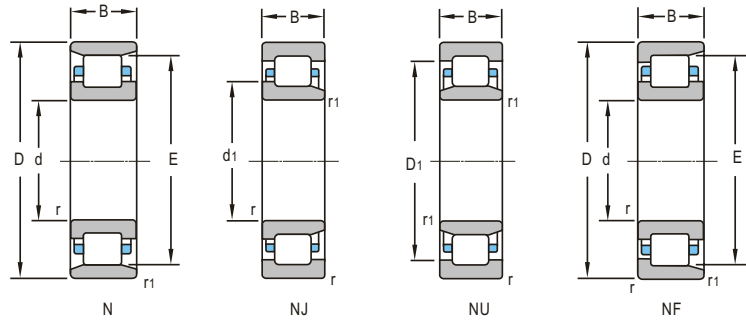
Boundary Dimensions					Basic Load Ratings		Limiting Speeds	
d	D	B	r _{min}	r _{1min}	Dynamic C	Static C ₀	Grease	Oil
mm					kN		r/min	
17	47	14	1	0.6	19.2	16.9	14000	17000
18	52	15	0.6	0.6	30.8	25.4	10000	14000
20	47	14	1	0.6	23.8	23.9	13000	16000
47	14	1	0.6	25.1	25.2	13000	16000	
47	14	1	0.6	25.1	25.2	13000	16000	
25	52	15	1	0.6	28.8	27.1	11000	14000
52	15	1	0.6	30.6	29.3	10500	13500	
52	15	1	0.6	30.6	29.3	11000	14000	
52	15	1	0.6	28.8	27.1	11000	14000	
52	15	1	0.6	28.8	27.1	11000	14000	
52	18	1	0.6	37.8	40.2	2200	4500	
62	17	1.1	1.1	36.9	32	9500	12000	
62	17	1.1	1.1	30.6	26.6	9500	12000	
62	17	1.1	1.1	38	37	9500	12000	
62	17	1.1	1.1	38.2	34.7	2500	5000	
62	17	1.1	1.1	38	37	9500	12000	
62	24	1.1	1.1	50.5	49.5	9000	11000	
62	24	1.1	1.1	58.4	62.2	2200	4500	
27	58	18	1.1	1.1	50	55	11000	14000
30	62	16	1	0.6	34.3	21.7	9500	12000
62	16	1	0.6	34.3	21.7	9500	12000	
62	16	1	0.6	34.3	21.7	9500	12000	
62	16	1	0.6	26.5	25.3	9500	12000	
62	16	1	0.6	26.5	25.3	9500	12000	
62	16	1	0.6	32.9	29.7	9500	12000	
62	16	1	0.6	26.5	25.3	9500	12000	
62	16	1	0.6	26.5	25.3	9500	12000	
62	16	1	0.6	36.1	34.7	10810	13620	
62	16	1	0.6	36.1	34.7	10810	13620	
62	16	1	0.6	36.1	34.7	10810	13620	
62	16	1	1	36.1	34.7	9000	11500	
72	19	1.1	1.1	51.2	48	9000	11000	
72	19	1.1	1.1	51.2	48	9000	11000	
35	72	17	1.1	0.6	45.3	43.8	8500	10000
72	17	1.1	0.6	45.3	43.8	8500	10000	

Bearing Designations		Journal	Other Dimensions				Mounting Dimensions					Mass	
Present	Original		d ₁	D ₁	E	F	d _{amin}	D _{amax}	d _{bmin}	r _{amax}	r _{0max}		
		mm						mm					kg
NU 303M	32303H	17		36.8		27	21.2	41		1	0.6	0.147	
NB 3/18 JR/YA4	822903	18				25		23	47		0.6 0.6	0.1756	
N 204	2204	20	30.4		40				43		1 0.6	0.112	
NU 204M	32204H	20		36.8		27	24	42			1 0.6	0.112	
NJ 204M	42204H	20	30	36.8		27	24	42			1 0.6	0.135	
NU 205M	32205H	25		41.8		32	29	47			1 0.6	0.168	
NJ 205 EF1		25	34.7	43.5		31.5	29	47			1 0.6	0.146	
NJ 205 ETN1	42205EA	25	34.7	43.5		31.5	29	47			1 0.6	0.135	
NJ 205 EM		25	34.7	43.5		31.5	29	47			1 0.6	0.152	
NU 205 EM		25		43.5		31.5	29	47			1 0.6	0.15	
NU 2205 V/C9	3-258	25		41.12		31.12	29	47			1 0.6	0.178	
NJ 305 E	42305E	25	38.1	50.4		34	31	55			1 1	0.256	
NJ 305		25	38.6	48.7		35	31	55			1 1	0.255	
NJ 305 ETN1	42305EA	25	38.1	50.4		34	31	55			1 1	0.251	
NCL 305 V	102305	25	39		53		31		55		1 1	0.254	
NU 305 M		25		50.4		34	32	55			1 1	0.273	
NJ 2305M	42605 HY	25	39	48.7		35	32	55			1 1	0.452	
NCL 2305 V	102605	25	39		53		32		52		1 1	0.351	
NU 6/27 EV		27		47.6		35.53	33	53			1 1	0.23	
N 206 E	2206E	30	41.3		55.5		35		57		1 0.6	0.205	
NJ 206 E	42206E	30	41.3	52.3		37.5	35	57			1 0.6	0.213	
NU 206 E	32206E	30		52.3		37.5	35	57			1 0.6	0.207	
N 206	2206	30	42.1		53.5				57		1 0.6	0.219	
NU 206M	32206H1	30		49.9		38.5	34	57			1 0.6	0.239	
NU 206EM		30		52.3		37.5	34	57			1 0.6	0.223	
NU 206Q1PS	32206Q1	30		49.9		38.5	34	57			1 0.6	0.238	
NJ 206M	42206H1	30	41.8	49.9		38.5	34	57			1 0.6	0.247	
N 206 ETN1	2206EA	30	41.3		55.5				57		1 0.6	0.205	
NU 206 ETN1	32206EA	30		52.3		37.5	34	57			1 0.6	0.207	
NJ 206 ETN1	42206EA	30	41.3	52.3		37.5	34	57			1 0.6	0.213	
NJ 206 EF1		30	41.3	52.3		37.5	34	57			1 0.6	0.31	
NF 306 E	12306E	30	44.9	58.9		62.5	37	65			1 1	0.377	
NU 306 EM		30		58		40.5	37	65			1 1	0.399	
NJ 207 EM		35	48	60		44	39	65			1 0.6	0.337	
NU 207 EM		35		60		44	39	65			1 0.6	0.328	



Cylindrical Roller Bearings

single row



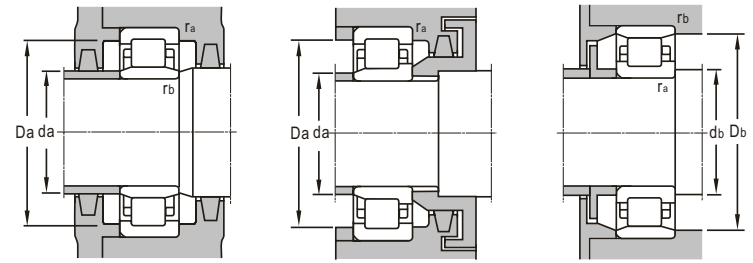
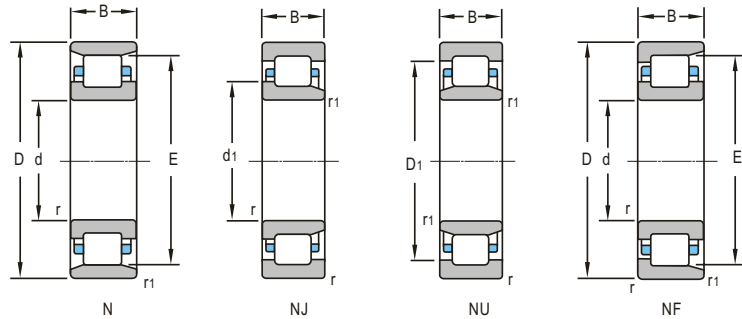
d 35~45mm

Boundary Dimensions					Basic Load Ratings		Limiting Speeds	
d	D	B	r _{min}	r _{1min}	Dynamic C	Static C ₀	Grease	Oil
mm					kN		r/min	
35	72	17	1.1	0.6	49.2	51.9	9340	11770
	80	21	1.5	1.1	50.9	48.5	7000	8500
	80	21	1.5	1.1	50.9	48.5	7000	8500
	80	21	1.5	1.1	50.9	48.5	7000	8500
	80	21	1.5	1.1	59.1	39.2	8000	9500
	80	21	1.5	1.1	70.6	66.2	7000	8500
	80	21	1.5	1.1	70.6	66.2	7000	8500
	80	21	1.5	1.1	80.2	83.3	2500	3050
	80	21	1.5	1.1	80.2	83.3	2500	3050
	80	31	1.5	1.1	64.8	66.1	7000	8500
	80	31	1.5	1.1	92.2	99.3	7000	8500
	80	31	1.5	1.1	92.2	99.3	7000	8500
	100	25	1.5	1.5	77.5	72.5	6700	8000
	40	80	18	1.1	1.1	49.1	31.9	7500
80		18	1.1	1.1	49.1	31.9	7500	9000
80		18	1.1	1.1	49.1	31.9	7500	9000
80		18	1.1	1.1	48.5	47.7	7500	9000
80		18	1.1	1.1	48.5	47.7	7500	9000
80		18	1.1	1.1	48.5	47.7	7500	9000
80		18	1.1	1.1	48.5	47.7	7500	9000
80		18	1.1	1.1	48.5	47.7	7500	9000
80		18	1.1	1.1	51.2	50.4	8330	10500
80		18	1.1	1.1	51.2	50.4	8330	10500
80		18	1.1	1.1	51.2	50.4	8330	10500
80		18	1.1	1.1	51.2	50.4	8330	10500
90		23	1.5	1.5	59.8	58.4	6700	8000
90		23	1.5	1.5	59.8	58.4	6700	8000
90		23	1.5	1.5	59.8	58.4	6700	8000
90		23	1.5	1.5	59.8	58.4	6700	8000
90		23	1.5	1.5	83.6	88.4	6700	8000
90		23	1.5	1.5	98.9	103	6700	8000
90		23	1.5	1.5	59.8	58.4	6700	8000
90		23	1.5	1.5	59.8	58.4	6700	8000
90	23	1.5	1.5	87.7	87.4	6500	7500	
90	33	1.5	1.5	111	119	6300	7500	
110	27	2	2	106	102	6000	7000	
45	85	19	1.1	1.1	60.1	62.5	6700	8000
	85	19	1.1	1.1	64.3	68.1	6700	8000
	85	23	1.1	1.1	66.1	79.5	6700	8000

Bearing Designations		Journal	Other Dimensions				Mounting Dimensions					Mass	
Present	Original		d ₁	D ₁	E	F	d _{amin}	D _{amax}	d _{bmin}	r _{amax}	r _{max}		
		mm						mm					kg
N 207 ETN1	2207 EA	35	48.3		64		42		67.8	1.1	0.6	0.296	
	32307H	35		63.5		46.2	43	72		1.5	1	0.546	
	NF 307	35	51.5	64	68.2		43		72	1.5	1	0.509	
	NJ 307	35	50.8	63.5		46.2	43	72		1.5	1	0.505	
	NJ 307 E	35	51.1	66.3		46.2	43	72		1.5	1	0.482	
	NJ307ETN1	35	51.1	66.3		46.2	43	72		1.5	1	0.482	
	NJ 307 EF1	35	51.1	66.3		46.2	43	72		1.5	1	0.676	
	NJ307ENV/C9	35	52.2	64.4		46.2	44	72		1.5	1	0.531	
	NJ 307 EV	35	52.2	64.4		46.2	44	72		1.5	1	0.537	
	NJ 2307	35	50.8	63.5		46.2	42	72		1.5	1	0.876	
	NJ2307EF1	35	55.1	66.3		46.2	42	72		1.5	1	0.936	
	NU2307EF1	35		66.3		46.2	42	72		1.1	1	0.917	
	NJ 407 M	35	59	78.1		53	44	92		1.5	1.5	1.14	
	NJ 208 E	42208E	40	54.2	67.6		49.5	47	73		1	1	0.395
NF 208 E		40	54.2	67.6	71.5		47		72	1	1	0.392	
NU 208 E		40		67.6		49.5	47	70		1	1	0.383	
N 208 M		40	54.6		70		47		73	1	1	0.439	
N 208		40	54.6		70		47		73	1	1	0.394	
NF 208		40	54.6	66	70		47	73		1	1	0.404	
NU 208M		40		65.6		50	47	73		1	1	0.448	
NJ 208M		40	54.2	65.6		50	47	73		1	1	0.458	
NU 208 ETN1		40		67.6		49.5	47	73		1	1	0.383	
NJ 208 ETN1		40	54.2	67.6		49.5	47	73		1	1	0.395	
NF 208 ETN1		40	54.2	67.6	71.5		47	73		1	1	0.392	
N 308		40	58.4		77.5		48		80	1.5	1.5	0.662	
NU308Q1		40		72.1		53.5	48	82		1.5	1.5	0.761	
NU 308M		40		72.1		53.5	48	82		1.5	1.5	0.760	
NU308L		40		72.1		53.5	48	82		1.5	1.5	0.694	
NJ 308M		40	57.6	72.1		53.5	48	82		1.5	1.5	0.750	
NU 308 EPC/P5		40		75.5		52	49	82		1.5	1.5	0.638	
NJ 308 EV/C9YB2		40	59.5	76		53.46	48	82		1.5	1.5	0.693	
NJ308L		40	57.5	72.1		53.5	48	82		1.5	1.5	0.684	
NF 308 M		40	58.4	72.5	77.5		49		80	1.5	1.5	0.674	
NF308EF1	40	57.5	75	81.3		49		80	1.5	1.5	0.876		
NJ2308E	40	57.7	75.4		52	48	82		1.5	1.5	1.17		
N408M	40	66		92		50		93	2	2	1.44		
NJ 209 EM		45	59.2	72.6		54.5	53	78		1	1	0.49	
	NJ 209EF1	45	59.2	72.6		54.5	53	78		1	1	0.623	
	NU 2209 L1	45		72.4		54.5	52	78		1	1	0.567	



single row



d 45~55mm

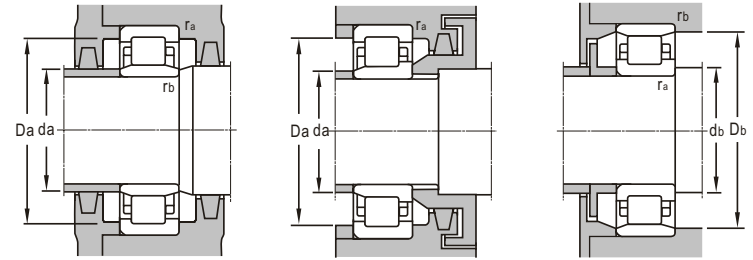
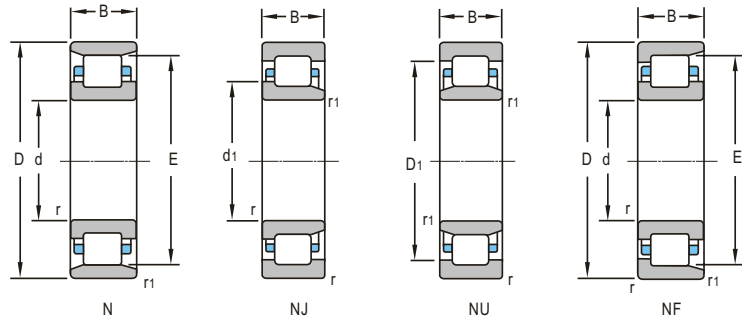
Boundary Dimensions					Basic Load Ratings		Limiting Speeds	
d	D	B	r _{min}	r _{1min}	Dynamic C	Static C ₀	Grease	Oil
mm					kN		r/min	
45	85	23	1.1	1.1	72.6	79.5	6700	8000
	85	23	1.1	1.1	72.6	79.5	6700	8000
	85	23	1.1	1.1	72.6	79.5	6700	8000
	100	25	1.5	1.5	101	103.0	6300	7500
	100	25	1.5	1.5	79.5	78.5	6300	7500
	100	25	1.5	1.5	79.5	78.5	6300	7500
	100	25	1.5	1.5	79.5	78.5	6300	7500
	100	25	1.5	1.5	79.5	78.5	6300	7500
	100	25	1.5	1.5	79.5	78.5	6300	7500
	100	31	1.5	1.5	130	149	5600	6700
	100	36	1.5	1.5	93.3	104	5600	6700
	120	29	2	2	117	115	5600	6700
50	90	20	1.1	1.1	52.3	56.8	6300	7500
	90	20	1.1	1.1	54.8	60.3	6300	7500
	90	20	1.1	1.1	54.8	60.3	6300	7500
	90	20	1.1	1.1	52.3	56.8	6300	7500
	90	20	1.1	1.1	54.8	60.3	6300	7500
	90	20	1.1	1.1	54.8	60.3	6300	7500
	90	20	1.1	1.1	59.9	63.4	6300	7500
	90	20	1.1	1.1	59.9	63.4	6300	7500
	90	23	1.1	1.1	64.1	69.1	6300	7500
	90	23	1.1	1.1	76.2	86.4	6300	7500
	110	27	2	2	90.4	90.7	5000	6000
	110	27	2	2	90.4	90.7	5000	6000
	110	27	2	2	90.4	90.7	5000	6000
	110	27	2	2	90.4	90.7	5000	6000
	110	27	2	2	90.4	90.7	5000	6000
	110	40	2	2	121	133	5000	6000
	110	40	2	2	153	172	5000	6000
	55	100	21	1.5	1.1	87	100	6000
100		21	1.5	1.1	87	100	6000	7000
100		21	1.5	1.1	87	100	6000	7000
100		21	1.5	1.1	87	100	6000	7000
120		29	2	2	110	110	4800	5600
120		29	2	2	110	110	4800	5600
120		29	2	2	110	110	4800	5600
120		29	2	2	110	110	4800	5600
120		29	2	2	110	110	4800	5600
120		29	2	2	140	146	4800	5600
120		43	2	2	148	162	4800	5600

Bearing Designations		Journal	Other Dimensions				Mounting Dimensions					Mass
Present	Original		d ₁	D ₁	E	F	d _{amin}	D _{amax}	d _{bmin}	F _{amax}	F _{max}	
		mm	mm									kg
NJ 2209 EF1		45	59.2	72.6	54.5		52	78	1	1		0.767
NJ 2209 EM1		45		72.4	54.5		52	78	1	1		0.624
NU 2209 EM		45		72.4	54.5		52	78	1	1		0.63
NF309EF1		45	64.7	83.6	90		53	92	92	1.5	1.5	1.24
N 309	2309	45	64		86.5		53	92	89	1.5	1.5	0.876
NU 309M	32309H	45		80.2	58.5		53	92		1.5	1.5	1.01
NU 309L	32309L	45		80.2	58.5		53	92		1.5	1.5	0.9
NJ 309M	42309H	45	62.9	80.2	58.5		53	92		1.5	1.5	1.03
NJ 309L	42309L	45	62.9	80.2	58.5		53	92		1.5	1.5	0.922
NJ2309 X2V/C9		45	63.5	80.2	57.87		53	92		1.5	1.5	1.21
N 2309M	2609H	45	64		86.5		53		89	1.5	1.5	1.51
NJ 409 M		45	72	94	64.5		55	110	2	2		1.85
N 210	2210	50	64.6		80.4		56.5		83.5	1	1	0.513
NU 210M	32210H	50		76.25	60.4		56.5	83.5		1	1	0.564
NU 210L	32210L	50		76.25	60.4		56.5	83.5		1	1	0.51
NU 210Q1	32210Q1	50		76.25	60.4		56.5	83.5		1	1	0.546
NJ 210M	42210H	50	64	76.25	60.4		56.5	83.5		1	1	0.581
NJ 210L	42210L	50	64	76.25	60.4		56.5	83.5		1	1	0.527
NJ 210EM		50	64	77.6	59.5		56.5	83.5		1	1	0.577
NU 210EM		50		77.6	59.5		56.5	83.5		1	1	0.559
NU 2210 EM		50		77.6	59.5		56.5	83.5		1	1	0.625
NU 2210 EM1		50		78	59.5		56.5	83.5		1	1	0.648
N 310	2310	50	71		95		59		98	2	2	1.15
NU 310	32310	50		89.6	65		59	101		2	2	1.14
NU 310M	32310H	50		89.6	65		59	101		2	2	1.29
NJ 310	42310	50	70.2	89.6	65		59	101		2	2	1.17
NJ 310M	42310H	50	70.2	89.6	65		59	101		2	2	1.32
NU 2310M	32610H	50		88.1	65		59	101	101	2	2	2.01
NJ 2310 EM/C9S0		50	71	91.8	65		59	101		2	2	2.02
NJ 211 E	42211E	55	70.9	86.3	66		61.5	91		1.5	1	0.753
NJ 211 EF1		55	70.9	86.3	66		61.5	91		1.5	1	0.796
NF 211 E		55	70.9	86.5	90		61.5	91		1.5	1	0.741
NU 211 EF1		55		86.5	66		61.5	91		1.5	1	0.726
N 311	2311	55	77		104.5		64		107	2	2	1.53
N 311M	2311H	55	77		104.5		64		107	2	2	1.67
NU 311 M	32311H	55		98.5	70.5		64	111		2	2	1.71
NF 311	12311	55	77	99	104.5		64	111	107	2	2	1.54
NU 311 EPC/P5		55		100.6	70.5		64	111		2	2	1.44
NU 2311 M	32611H	55		98.5	70.5		64	111		2	2	2.77



Cylindrical Roller Bearings

single row



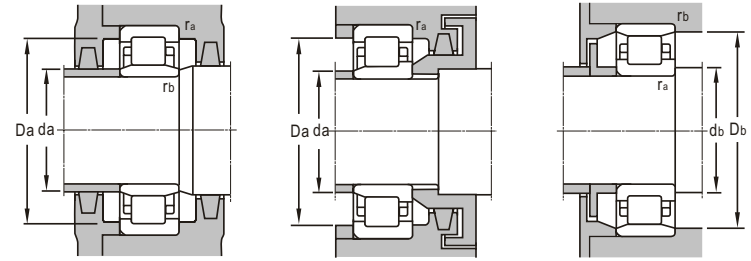
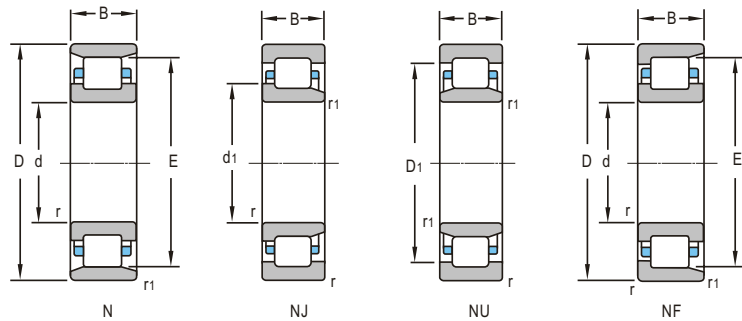
d 55~65mm

Boundary Dimensions					Basic Load Ratings		Limiting Speeds	
d	D	B	r _{min}	r _{1min}	Dynamic C	Static C ₀	Grease	Oil
mm					kN		r/min	
55	120	43	2	2	148	162	4800	5600
	120	43	2	2	202	235	4800	5600
	140	33	2.1	2.1	139	138	4800	5600
	140	33	2.1	2.1	139	138	4800	5600
60	95	18	1.1	1	48.7	62.3	6700	8000
	110	22	1.5	1.5	73.3	82	5300	6300
	110	22	1.5	1.5	98.5	108.6	5300	6300
	110	22	1.5	1.5	76	87	5300	6300
	110	22	1.5	1.5	76	87	5300	6300
	130	31	2.1	2.1	126	130	4300	5000
	130	31	2.1	2.1	135	140	4300	5000
	130	31	2.1	2.1	126	130	4300	5000
	130	31	2.1	2.1	135	140	4300	5000
	130	31	2.1	2.1	126	130	4300	5000
	130	31	2.1	2.1	135	140	4300	5000
	130	31	2.1	2.1	155	164	4300	5000
	130	31	2.1	2.1	155	164	4300	5000
	130	46	2.1	2.1	222	262	4300	5000
	130	46	2.1	2.1	222	262	300	5000
	140	51	2.5	2.5	145	108	4300	5000
	150	35	2.1	2.1	167	168	4300	5000
	150	35	2.1	2.1	167	168	4300	5000
	150	35	2.1	2.1	206	220	4300	5000
	65	100	18	1.1	1	41.0	51	6300
120		23	1.5	1.5	85	96.1	4800	5600
120		23	1.5	1.5	85	96.1	4800	5600
120		31	1.5	1.5	144	172	4800	5600
65	120	31	1.5	1.5	144	172	4800	5600
	140	33	2.1	2.1	140	146	4000	4800
	140	33	2.1	2.1	140	146	4000	4800
	140	33	2.1	2.1	140	146	4000	4800
	140	33	2.1	2.1	140	146	4000	4800
	140	33	2.1	2.1	140	146	4000	4800
	140	33	2.1	2.1	177	211	4000	4800
	140	33	2.1	2.1	177	211	4000	4800
	140	33	2.1	2.1	140	146	4000	4800
	140	33	2.1	2.1	140	146	4000	4800
	140	33	2.1	2.1	140	146	4000	4800

Bearing Designations		Journal	Other Dimensions				Mounting Dimensions					Mass	
Present	Original		d ₁	D ₁	E	F	d _{amin}	D _{amax}	d _{bmin}	r _{amax}	r _{max}		
		mm	mm					mm					kg
NJ 2311 M	42611 H	55	76	98.5	70.5		64	111	2	2		2.93	
NJ 2311EF1/C4YB		55	77.5	100	77.2		64	111	2	2		2.45	
NU 411M	32411H	55		108	77.2		66	129	2	2		3.24	
NJ 411M	42411 H	55	85	108	77.2		66	129	2	2		3.29	
NU1012 M		60		82.2	69.5		65	88.5	1	1		0.49	
N 212	2212	60	78.4		97.5		68	100	1.5	1.5		0.872	
NJ 212 E	42212E	60	77.6	95	72		68	102	1.5	1.5		0.705	
NU 212M	32212H	60		92.2	73.5		68	102	1.5	1.5		0.955	
NJ 212M	42212H	60	77.6	92.2	73.5		68	102	1.5	1.5		0.981	
N 312	2312	60	82.6		113		71	116	2	2		1.86	
N 312M	2312H	60	85.4		113		71	116	2	2		2.05	
NU 312	32312	60		106.5	77		71	120	2	2		1.86	
NU 312Q1	32312Q	60		106.5	77		71	120	2	2		2.08	
NU 312M	32312H	60		106.5	77		71	120	2	2		2.08	
NJ 312	42312	60	84.2	106.5	77		71	120	2	2		1.9	
NJ 312M	42312H	60	84.2	106.5	77		71	120	2	2		2.12	
NJ 312 EF1		60	84.3	109	77		71	120	2	2		1.95	
NU 312 EPC/P5		60		110	77		71	120	2	2		1.82	
N 2312EF1		60	84.3		115		71	116	2	2		2.9	
NJ2312EF1		60	84.3	108	77		71	120	2	2		2.99	
N 612/C9	2712 U	60	86		122		75	125	2	2		3.21	
N 412M	2412H	60	91.65		127		71	128	2	2		3.52	
NJ 412	42412	60	91	118.8	83		71	138	2	2		3.21	
NJ 412 EF1		60	91.5	121	83		72	138	2	2		3.14	
NU 1013M	32113H	65		86.6	74.5		70	93.5	1	1		0.522	
NJ 213 M		65	85	101.6	79.5		74	111	1.5	1.5		1.18	
N 213 M		65	85		105.5		74	108	1.5	1.5		1.15	
NU2213EM		65		104	78.5		74	111	1.5	1.5		1.63	
NU2213ENM		65		104	78.5		74	111	1.5	1.5		1.61	
N 313	2313	65	91		121.5		77	125	2	2		2.32	
N 313M	2313H	65	92.3		121.5		77	125	2	2		2.58	
NU 313M	32313H	65		114.9	83.5		77	129	2	2		2.51	
NU 313Q1	32313Q	65		114.9	83.5		77	129	2	2		2.53	
NJ 313M	42313H	65	91	114.9	83.5		77	129	2	2		2.57	
NJ 313 E		65	90.6	118.8	82.5		77	129	2	2		2.45	
NU 313 EF1		65		118.8	82.5		77	128	2	2		2.41	
N 313Q1/P6 S0		65	92.3		121.5		77	125	2	2		2.54	
NU 313Q1/P63 S0		65		114.9	83.5		77	129	2	2		2.53	
NJ 313Q1/P63 S0		65	90.5	114.9	83.5		77	129	2	2		2.6	



single row



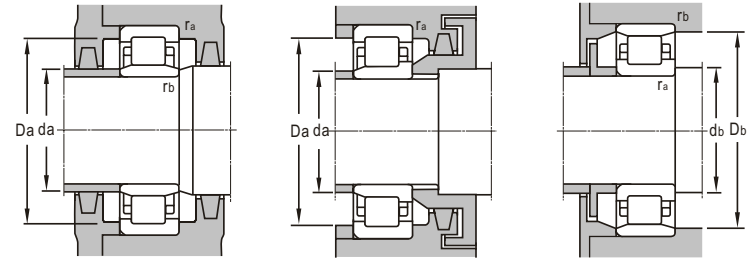
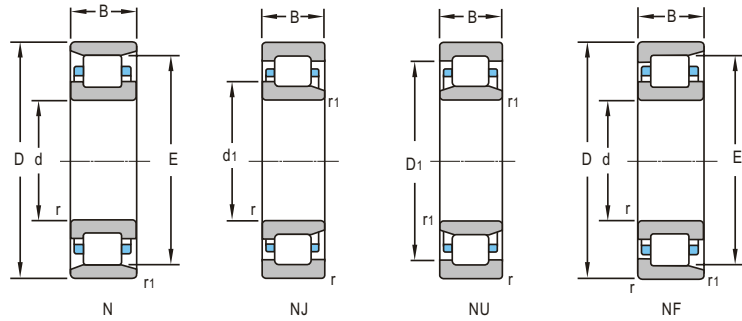
d 65~75mm

Boundary Dimensions					Basic Load Ratings		Limiting Speeds		
d	D	B	r _{min}	r _{1min}	Dynamic C	Static C ₀	Grease	Oil	
mm					kN		r/min		
65	140	48	2.1	2.1	238	276	4000	4800	
70	125	24	1.5	1.5	83.5	95.0	4500	5300	
	125	24	1.5	1.5	83.5	95.0	4500	5300	
	125	24	1.5	1.5	123	143	4500	5300	
	125	24	1.5	1.5	112	126	4500	5300	
	125	24	4	1.5	123	143	4500	5300	
	125	24	1.5	1.5	123	143	4500	5300	
	125	24	1.5	1.5	123	143	4500	5300	
	125	31	1.5	1.5	145	185	4500	5300	
	133	35	20.1		209	228			
	150	35	2.1	2.1	173	189	3600	4300	
	150	35	2.1	2.1	173	189	3600	4300	
	150	35	2.1	2.1	173	189	3600	4300	
	150	35	2.1	2.1	173	189	3600	4300	
	150	35	2.1	2.1	173	189	3600	4300	
	150	35	2.1	2.1	173	189	3600	4300	
	150	35	2.1	2.1	209	228	3600	4300	
	150	35	2.1	2.1	209	228	3600	4300	
	150	35	2.1	2.1	209	228	3600	4300	
	150	51	2.1	2.1	274	322	3600	4300	
	150	51	2.1	2.1	258	298	3600	4300	
	180	42	3	3	250	266	3600	4300	
	75	115	20	1.1	1	66.8	85.5	5600	6700
		130	25	1.5	1.5	123	146	4500	5300
130		25	1.5	1.5	134	162	4500	5300	
160		37	2.1	2.1	190	205	3400	4000	
160		37	2.1	2.1	190	205	3400	4000	
160		37	2.1	2.1	190	205	3400	4000	
160		37	2.1	2.1	190	205	3400	4000	
160		37	2.1	2.1	190	205	3400	4000	
160		37	2.1	2.1	217	236	3400	4000	
160		37	2.1	2.1	172	172	3400	4000	
160		37	2.1	2.1	217	236	3400	4000	
160		37	2.1	2.1	217	236	3400	4000	
160		37	2.1	2.1	217	236	3400	4000	
160		37	2.1	2.1	190	205	3400	4000	
160		37	2.1	2.1	182	200	3400	4000	
160		37	2.1	2.1	182	200	3400	4000	
190		45	3	3	301	329	3400	4000	
160		55	2.1	2.1	308	361	3400	4000	

Bearing Designations		Journal	Other Dimensions				Mounting Dimensions					Mass		
Present	Original		d ₁	D ₁	E	F	d _{amin}	D _{amax}	d _{bmin}	r _{amax}	r _{bmax}			
		mm	mm											kg
NU 2313 EM	32613EH	65	119	82.5	77	129	2	2	3.71					
NJ 214M	42214H	70	88.6	105.1	84.5	78	117	1.5	1.5	1.36				
NU 214M	32214H	70	88.6	105.1	84.5	78	117	1.5	1.5	1.34				
N 214 EL	2214EL	70	89.6		114	83.5	78	114	1.5	1.5	1.21			
N 214 EM		70	89.6		114	83.5	78	114	1.5	1.5	1.33			
NF 214/C9YB2		70	89.6	109	114	83.5	78	114	3	1.5	1.25			
NJ 214 EF1		70	89.6	109	83.5	78	117	1.5	1.5	1.25				
NJ 214 EF1/YB2		70	89.6	109	83.5	78	117	1.5	1.5	1.25				
NJ 2214EM	42514EH	70	89.4	10	83.5	78	117	1.5	1.5	1.93				
RN 214 EM/HE		70	98	9		80		2		2.16				
N 314	2314	70	97.8		130	81		134	2	2	2.73			
N 314 M	2314H	70	99.3		130	81		134	2	2	3.02			
NU 314M	32314H	70		120.5	90	81	139	2	2	3.09				
NU 314Q1	32314Q	70		120.5	90	81	139	2	2	3.12				
NJ 314M	42314H	70	98	120.5	90	81	139	2	2	3.18				
NJ 314Q1	42314Q	70	98	120.5	90	81	139	139	2	2	3.12			
NJ 314 EF1		70	97.5	126	89	81	139	2	2	2.97				
NU 314 EF1/C4YB		70		126	89	81	139	2	2	2.97				
NU 314 ENM		70		125	89	81	139	2	2	3.2				
NJ 2314 EF1		70	97.5	126	89	81	139	2	2	5.6				
NJ 2314 E		70	97.5	126	89	81	139	2	2	4.4				
N 414 M/YA1		70	110		152	81	167	2.5	2.5	6.1				
NU 1015M		75	95	100.6	85	80	108.5	1	1	0.728				
NJ215EQ1/P63SO		75	95	113	88.5	84	121	1.5	1.5	1.45				
N 215 EF1		75	94.6		118.5	84		120	1.5	1.5	1.8			
N315M	2315H	75	103.7		139.5	86		143	2	2	3.77			
N 315	2315	75	103.7		139.5	86		143	2	2	3.49			
NU315M	32315H	75		130.2	95.5	86	148	2	2	3.80				
NU315Q1	32315Q	75		130.2	95.5	86	148	2	2	3.68				
NU 315	32315	75		130.2	95.5	86	148	2	2	3.34				
N315EF1	2315EW1	75	104.2		143	86		143	2	2	3.56			
NJ 315	42315	75	102.2	130.2	95.5	86	148	2	2	3.959				
NU 315 E	32315E	75		136.5	95	86	148	2	2	3.71				
NU315EF1	32315EW1	75		136.5	95	86	148	2	2	3.71				
NJ 315 EF1	42315EW1	75	104.2	136.5	95	86	148	2	2	3.63				
NJ315M	42315H	75		130.2	95.5	86	148	2	2	3.96				
NJ315Q1/P63SO	3E42315QT	75	104.8	128.8	96.5	86	148	2	2	3.81				
NU315Q1/P63SO		75	102.2	128.8	96.5	86	148	2	2	3.76				
NJ 415 F1		75	116	149.8	104.5	88	177	2	2	8.73				
NU2315 EM	32615 EH	75		136	95	86	148	2	2	5.58				



single row



d 75~95mm

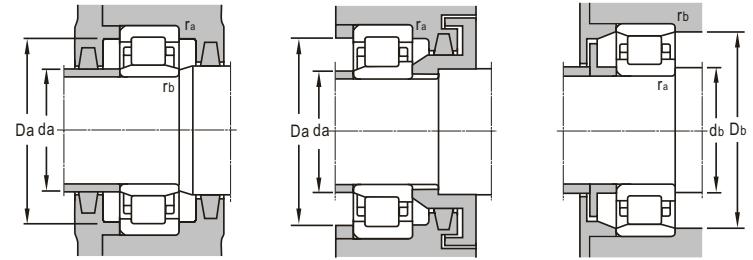
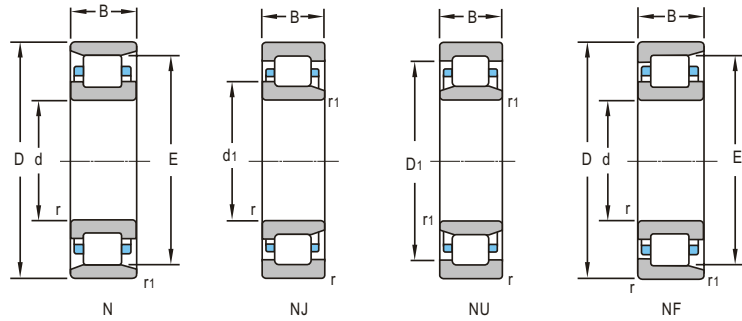
d	Boundary Dimensions				Basic Load Ratings		Limiting Speeds		
	D	B	r _{min}	r _{1min}	Dynamic C	Static C ₀	Grease	Oil	
mm									
75	160	55	2.1	2.1	308	361	3400	4000	
	160	68.3	2.1	2.1	321	306	2500	3000	
80	140	26	2	2	121	145	4000	4800	
	140	26	2	2	121	145	4000	4800	
	140	26	2	2	121	145	4000	4800	
	140	26	2	2	121	145	4000	4800	
	140	26	2	2	131	154	4000	4800	
	140	26	2	2	127	95.8	4000	4800	
	140	33	2	2	187	245	4000	4800	
	170	39	2.1	2.1	262	291	3200	3800	
	170	39	2.1	2.1	233	249	3200	3800	
	170	39	2.1	2.1	262	299	3200	3800	
	170	58	2.1	2.1	274	330	3200	3800	
	170	58	2.1	2.1	274	330	3200	3800	
85	130	22	1.1	1	74	108	5000	6000	
	180	41	3	3	242	273	3000	3600	
	180	41	3	3	242	273	3000	3600	
	180	41	3	3	242	273	3000	3600	
	180	41	3	3	298	339	3000	3600	
	180	41	3	3	250	270	3000	3600	
	180	60	3	3	315	380	3000	3600	
	180	60	3	3	380	475	3000	3600	
	180	60	3	3	315	380	3000	3600	
	180	60	3	3	380	475	3000	3600	
	180	60	3	3	380	475	3000	3600	
	90	160	30	2	2	163	195	3600	4300
160		30	2	2	163	195	3600	4300	
160		30	2	2	163	195	3600	4300	
190		43	3	3	261	297	2800	3400	
190		43	3	3	261	297	2800	3400	
190		43	3	3	322	362	2800	3400	
190		43	3	3	261	297	2800	3400	
190		43	3	3	355	362	2800	3400	
190		64	3	3	430	530	2800	3400	
190		64	3	3	430	530	2800	3400	
95		200	45	3	3	340	395	2600	3200
		200	45	3	3	340	395	2600	3200

Bearing Designations	Journal	Other Dimensions				Mounting Dimensions					Mass	
		Present	Original	d ₁	D ₁	E	F	d _{amin}	D _{amax}	d _{bmin}		r _{amax}
mm												
NJ 2315 EM	75		104	136	95	86	148	2	2			5.69
NU 3315M	75	3032315H		130.2	95.5	86	148	2	2			7.39
NJ 216	80	42216	101	118.3	95.3	89	131	2	2			1.63
N 216M	80	2216H	102		125	89	131	2	2	128	2	1.72
NU 216	80	32216	101	118.3	95.3	89	131	2	2			1.59
NJ 216M	80	42216H	101	118.3	95.3	89	131	2	2			1.78
NU 216 E	80	32216E		122	95.3	89	131	2	2			1.52
NU 216 EF1	80	32216 EW1		118.3	95.3	89	131	2	2	128	2	1.64
NU 2216 EQ1/P63S0	80			122.5	95.3	89	131	2	2			2.32
NU316EF1	80			144.2	101	91	159	2	2			4.23
N316EM	80		110	144.2	151	91	159	2	2	151	2	4.34
NU 316EM	80			144.2	101	91	159	2	2			4.35
NU 2316L	80	32616L		139	103	91	159	2	2			6.10
NJ 2316L	80	42616L		139	103	91	159	2	2			6.21
NU1017 M1	85			114	96.5	90	123.5	1	1			1.06
N317L	85	2317L	115.5	156		99	162	2.5	2.5			4.78
N317L/YB2	85	2317L(Y)	115.5	156		103	162	2.5	2.5			4.7
NJ317Q1/C63S0	85	3E42317QT	118	145.5	108.5	99	166	2.5	2.5			5.29
N317EF1	85		117.4	160		98	162	2.5	2.5			6.51
N 317 EM	85		117.5	160		98	162	2.5	2.5			5.02
NU 2317M	85	32617H		147.3	108	108	108	108	108	108	108	8.00
NU2317EM	85	32617EH		153	108	98	166	2.5	2.5			8.1
NJ 2317M	85	42617H	114	147.3	108	98	166	2.5	2.5			8.58
NU 2317 EF1	85	32617E		153	108	98	166	2.5	2.5			6.9
NU 2317 EM/YA1	85	32617EHY		153	108	98	166	2.5	2.5			8.1
N218M	90		113.6	143		100	150	2	2			2.55
NU218M	90			134.5	107	100	150	150	2	2		2.62
NF 218M	90		113.6	136	143		150	2	2			2.42
NU 318M	90	32318H		153.5	115	104	176	2.5	2.5			6.2
NU 318Q1/P63S0	90	3E32318QT		153.5	115	104	176	2.5	2.5			6.2
NU318EF1	90			161	113.5	104	176	2.5	2.5			7.7
N 318	90	2318	125		165	104	169	2.5	2.5			5.46
NU 318EM	90			159.3	113.5	104	176	2.5	2.5			8.87
NU2318M	90			159.3	113.5	104	176	2.5	2.5			9.51
NJ 2318 EM/C9S0	90		124.4	159.3	113.5	104	176	2.5	2.5			8.87
N 319 EL	95	2319EL	132		177.5	108	178	2.5	2.5			6.44
NU319EL1	95			170	121.5	108	186	2.5	2.5			6.52



Cylindrical Roller Bearings

single row



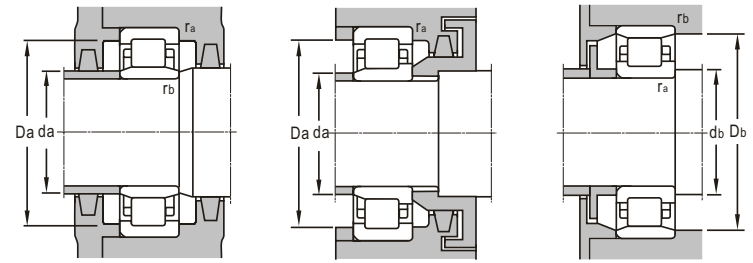
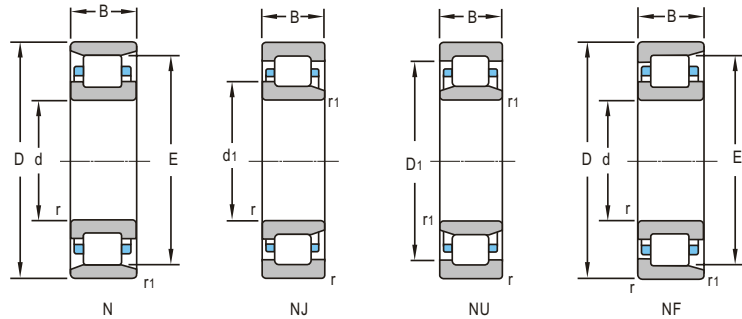
d 95~120mm

d	Boundary Dimensions				Basic Load Ratings		Limiting Speeds		
	D	B	r _{min}	r _{1min}	Dynamic C	Static C ₀	Grease	Oil	
mm									
95	200	45	3	3	340	395	2600	3200	
	200	45	3	3	340	395	2600	3200	
	200	67	3	3	458	580	2600	3200	
	200	67	3	3	433	538	2600	3200	
	200	67	3	3	411	496			
	220	67	3	3	518	610	2400	3000	
100	180	34	2.1	2.1	183	217	3200	3800	
	180	34	2.1	2.1	227	270	3200	3800	
	180	46	2.1	2.1	333	444	3200	3800	
	180	46	2.1	2.1	335	445	3200	3800	
	180	50	2.5	2.5	258	315	3200	3800	
	215	47	3	3	390	440	2400	3000	
	215	47	3	3	408	440	2400	3000	
	215	73	3	3	524	505	2400	3000	
	215	73	3	3	524	505	2400	3000	
	215	73	3	3	524	505	2400	3000	
	215	73	3	3	536	726	2400	3000	
	215	73	3	3	536	726	2400	3000	
	215	73	3	3	579	732	2400	3000	
	105	160	26	2	1.1	105	142	4000	4800
	110	170	28	2	1.1	144	195	3800	4500
200		38	2.1	2.1	266	323	2800	3400	
200		38	2.1	2.1	266	323	2800	3400	
200		38	2.1	2.1	266	323	2800	3400	
200		38	2.1	2.1	266	323	2800	3400	
200		69.85	2	4	402	655	2800	3400	
240		50	3	3	411	545	2000	2600	
240		50	3	3	411	545	2000	2600	
240		50	3	3	411	545	2000	2600	
240		50	3	3	411	545	2000	2600	
240		80	3	3	621	735	2000	2600	
240		80	3	3	621	735	2000	2600	
240		80	3	3	635	822	2000	2600	
260		92	3	3	796	971	1800	2400	
280		65	4	4	555	631	2000	2600	
280	65	4	4	555	631	2000	2600		
120	215	40	2.1	2.1	282	355	2400	3000	

Bearing Designations		Journal	Other Dimensions				Mounting Dimensions					Mass
Present	Original		d ₁	D ₁	E	F	d _{amin}	D _{amax}	d _{bmin}	r _{amax}	r _{max}	
mm												
N 319 EF1		95	132		177.5		108		178	2.5	2.5	8.69
NU 319 EF1		95		170		121.5	108	186		2.5	2.5	8.77
NJ 2319EF 1		95	131.5	168		121.5	108	187		2.5	2.5	13.1
NU 2319EM		95	131.5	168		121.5	108	187		2.5	2.5	10.2
NU 2319Q Y		95		164		121.5	108	187		2.5	2.5	10.5
NF 619	3-256	95	137.2	182	193			108	200	2.5	2.5	13.9
NJ 220M	42220H	100	128	151		120	111	169		2	2	3.98
N 220 EM		100	127		163		111		164	2	2	3.93
NU 2220 EM/P5		100		157		119	111	169		2	2	5
NU 2220 EM		100	127	157		119	111	169		2	2	4.9
NJ 2220 X2M	42720H	100	127.9	151		120	111	169		2	2	5.91
N320 EF1		100	139		191.5		114	202	202	2.5	2.5	8.08
NJ 320 EM		100	139	182		128	114	202		2.5	2.5	8.67
N 2320 EM	2620EH	100	139		191.5		114	202		2.5	2.5	14.4
NU 2320 EM	32620EH	100		182		127.5	114	202		2.5	2.5	14.3
NU 2320 EM/YA1	32620HY	100		182		127.5	114	202		2.5	2.5	14.3
NJ 2320EQ 1/P63S 0	3E42620EQT	100	140	182		127.5	114	202		2.5	2.5	13.3
NJ 2320EM /C9S 0		100	140	182		127.5	114	202		2.5	2.5	14.3
NJ 2320 ZEM		100	139	182		127.5	114	201		2.5	2.5	14.4
NF 1021M	12121H	105	124.7	141	145.5			151		2	1	1.99
NU 1022 M		110		149		125	116.5	161		2	1	2.34
NJ 222 EM		110	141.3	174		132.5	122	188		2	2	5.26
NU 222 EM		110		174		132.5	122	188		2	2	5.19
N222 EM		110	141.3		180.5		122		182	2	2	5.33
NU 222EQ 1/P53 SO		110		174		132.5	122	188		2	2	5.41
LY-N006		110		171		133	122	188		2	3	9
N 322 E	2322EL	110	155	198	211		124		215	2.5	2.5	10.5
NJ32 2EQ		110	154.5	198		143	124	226		2.5	2.5	12.7
N322 EM		110	154.4	198	207		124		211	2.5	2.5	12.1
NJ32 2EM		110	154.5	198		143	124	226		2.5	2.5	12.9
NU 2322 EM	32622EH	110		201		143	124	226		2.5	2.5	19.9
NJ 2322 EM/YA1	32622EAY	110		201		143	124	226		2.5	2.5	19.9
NU 2322EQ 1/P63S 0		110		201		143	124	226		2.5	2.5	19.1
NF 622	3-257	110	161.4	214	227			226		2.5	2.5	27.4
NJ 422M		110	169.5	223		155	126	264		3	3	22
NJ 422Q 1/C350		110	169.5	223		155	126	264		3	3	22
NU 224EQ 1	3D3224EQT	120		184		143.5	131	204		2	2	7.07



single row



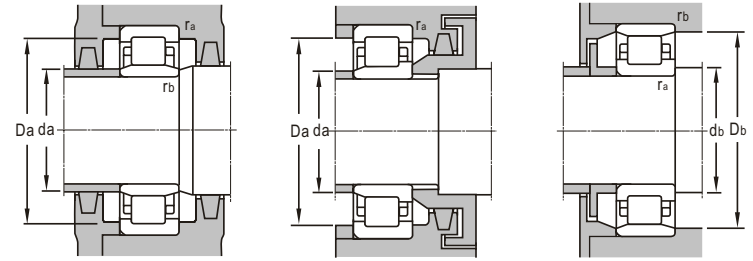
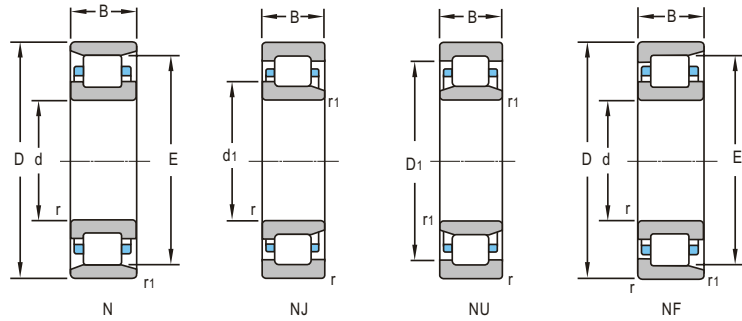
d 120~140mm

Boundary Dimensions					Basic Load Ratings		Limiting Speeds	
d	D	B	r _{min}	r _{1min}	Dynamic C	Static C ₀	Grease	Oil
mm					kN		r/min	
120	215	40	2.1	2.1	300	420	2400	3000
	215	40	2.1	2.1	300	420	2400	3000
	215	40	2.1	2.1	300	420	2400	3000
	215	40	2.1	2.1	342	433	2400	3000
	215	58	2.1	2.1	380	520	2400	3000
	217	58	2.1	2.1	380	520	2400	3000
	240	80	3	3	477	408	2400	3200
	240	80	3	3	477	408	2400	3200
	240	80	3	3	477	408	2400	3200
	260	55	3	3	537	623	1900	2400
	260	55	3	3	537	623	1900	2400
	260	86	3	3	285	1020	1900	2400
	260	86	3	3	285	1020	1900	2400
	260	86	3	3	785	1020	1900	2400
	260	86	3	3	915	1040	2800	4300
	130	200	33	2	1.1	213	315	3200
200		33	2	1.1	172	238	3200	3800
200		33	2	1.1	172	238	3200	3800
230		40	3	3	371	466	2200	2800
230		40	3	3	288	372	2200	2800
250		80	3	3	604	807	2200	3000
250		80	3	3	604	807	2200	3000
250		80	3	3	604	807	2200	3000
250		80	3	3	604	807	2200	3000
280		58	4	4	590	694	1800	2200
280		58	4	4	590	694	1800	2200
280		93	4	4	920	1230	1800	2200
280		93	4	4	920	1230	1800	2200
280		93	4	4	1060	1250	2400	3800
340		78	5	5	825	955	1500	1900
340		78	5	5	825	955	1500	1900
340	78	5	5	825	955	1500	1900	
140	210	33	2	1.1	212	317	3000	3600
	210	33	2	1.1	212	317	3000	3600
	250	42	3	3	406	536	2000	2600
	250	42	3	3	406	536	2000	2600
	250	42	3	3	389	507	2000	2600
	250	42	3	3	389	507	2000	2600

Bearing Designations		Journal	Other Dimensions				Mounting Dimensions					Mass	
Present	Original		d ₁	D ₁	E	F	d _{amin}	D _{amax}	d _{bmin}	r _{amax}	r _{0max}		
		mm	mm					mm					kg
N 224M	2224H	120	153.1	188	191.5		131		196	2	2	6.19	
NU 224M	32224H	120		182.3		143.5	131	204		2	2	6.47	
NJ 224M	42224H	120	151.5	182.3		143.5	131	204		2	2	6.48	
NJ 224EM		120	152.3	188		143.5	140	204		2	2	6.5	
N 2224M		120	152.3		191.5		140		204	2	2	9.4	
N 2224 MX1/CN2		120	152.3	188	195.5		140	206		2	2	9.7	
NJ 3224X3Q1/SO	42724QT	120	162	194		150	134	226		3	3	17.1	
NJ 3224X3M	42724QT	120	162	194		150	134	226		2.5	2.5	17.8	
NJ3224X3Q1	42724H	120	161	199		150	134	226		3	3	17.7	
N324EM		120	167.5		230		134		230	2.5	2.5	14.4	
NU324EM		120		219		154	134	246		2.5	2.5	14.5	
NU 2324 EM	32624EH	120		219		154	134	246		2.5	2.5	23.8	
NU2324EM/YA1	32624EHY	120		219		154	134	246		2.5	2.5	23.8	
NJ 2324EM/C9S0		120	168	216		154	134	246		2.5	2.5	23.6	
NJ 2324 ZEM		120	168	219		154	134	246		2.5	2.5	23.6	
N1026 M	32126Q	130	154	148	182		137	191	190	2	1	3.48	
NU 1026Q1	32126Q	130		174		148	136.5	191		2	1	3.83	
NU 1026M	32126H	130		174		148	136.5	191		2	1	3.84	
NU 226 EM		130		201.5		153.5	144	216		2.5	2.5	7.11	
NU 226 Q1/P53 SO		130		193.4		156	144	216		2.5	2.5	7.12	
NJ 3226x1M	42726H	130	170	208		158	144	236		2.5	2.5	18.7	
NJ 3226x1Q1/SO	42726QT	130	170.5	205		158	144	236		3	3	18.7	
NJP3226X1		130	171	205.6		158	144	236		3	3	18.5	
NJ3226X1		130	171	205.6		158	144	236		3	2.5	18.3	
N 326EM		130	181.5		247		148		247	3	3	18.2	
NU 326EM		130		235.5		167	148	262		3	3	18.3	
NU2326EM		130		236		167	148	262		3	3	28.8	
NJ 2326EM		130	181	236		167	148	262		3	3	29.5	
NJ 2326 ZEM		130	181	236		167	147	263		3	3	30.5	
NU 426M	32426H	130		265		183	150	320		4	4	41.5	
NJ 426M	42426H	130	203	265		183	150	320		4	4	41.7	
NU426Q1	32426Q	130	203	262		185	150	320		4	4	39.2	
NU 1028 M		140		184.5		158	146.5	201		2	1	4.03	
NU 1028Q1/P64		140		184.5		158	146.5	201		2	1	4.03	
NJ 228 EF1		140	179.5	217		169	154	236		2.5	2.5	11.6	
NU 228 EF1		140		217		169	154	236		2.5	2.5	10.9	
NJ 228 EM		140	179.5	217		169	154	236		2.5	2.5	9.35	
NU 228 EM		140		217		169	154	236		2.5	2.5	8.72	
NU 228 EL	32228 EL	140		217		169	154	236		2.5	2.5	8.97	



single row



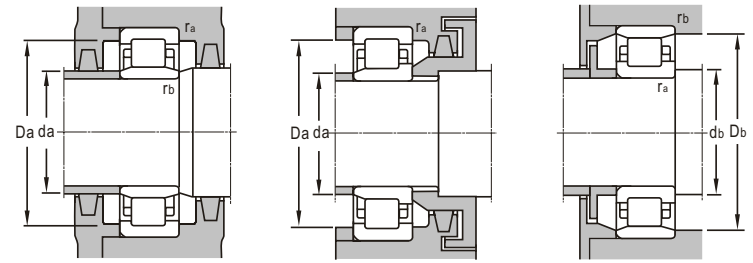
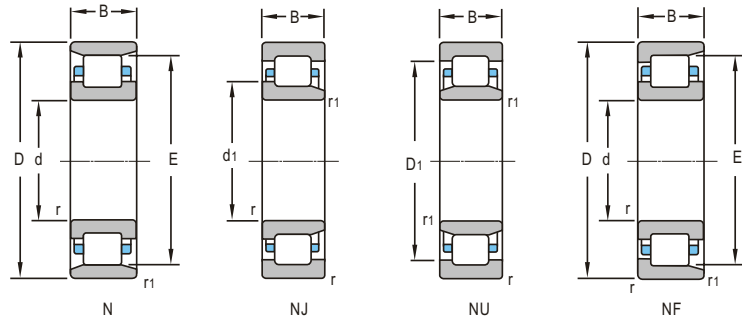
d 140~180mm

Boundary Dimensions					Basic Load Ratings		Limiting Speeds		
d	D	B	r _{min}	r _{1min}	Dynamic C	Static C ₀	Grease	Oil	
mm					kN		r/min		
140	250	68	3	3	547	787	2000	2600	
	250	68	3	3	547	787	2000	2600	
	250	68	3	3	547	787	2000	2600	
	250	68	3	3	577	843	2000	2600	
	250	82.55	3	3	661	1060	2000	2600	
	300	62	4	4	624	758	1980	2490	
	300	62	4	4	624	758	1800	2200	
	300	62	4	4	624	758	1800	2200	
	300	102	4	4	959	1320	1800	2200	
	300	102	4	4	959	1320	1800	2200	
	300	114	4	4	1250	1100	1800	2200	
	360	82	5	5	964	1135	1800	2200	
360	82	5	5	964	1135	1800	2200		
150	270	45	3	3	419	543	1900	2400	
	270	45	3	3	419	543	1900	2400	
	270	45	3	3	419	543	2090	2640	
	320	65	4	4	720	970	1820	2300	
	320	65	4	4	720	970	1820	2300	
	320	108	4	4	1092	1472	1700	2000	
	160	290	48	3	3	493	665	1900	2300
		290	48	3	3	443	655	1800	2200
290		48	3	3	493	655	1800	2200	
290		48	3	3	493	655	2200	2600	
290		80	3	3	771	1118	1800	2200	
340		68	4	4	873	1080	1500	1800	
340		114	4	4	1138	1800	1500	1800	
170		260	42	2.1	2.1	260	380	2200	2800
	310	52	4	4	530	747	1900	2300	
	310	52	4	4	589	776	1800	2200	
	310	52	4	4	589	776	1800	2200	
	310	86	4	4	914	1315	1800	2200	
	360	72	4	4	892	1090	1400	1700	
	360	120	4	4	1154	1622	1400	1700	
	360	120	4	4	1154	1622	1400	1700	
	180	280	82.6	2.1	2.1	817	1290	2000	2600
		280	31	2	2	270	423	2000	2600
320		52	4	4	587	782	1700	2000	

Bearing Designations		Journal	Other Dimensions				Mounting Dimensions					Mass	
Present	Original		d ₁	D ₁	E	F	d _{amin}	D _{amax}	d _{bmin}	F _{amax}	F _{max}		
		mm	mm					mm					kg
NJ 2228 EM	42528EH	140	179	217	169		154	236	2.5	2.5	17		
	NJ 2228Q1/C4S 0	140	179	217	169		154	236	2.5	2.5	15.5		
	NU 2228 Q1/C4S0	140		217	169		154	236	2.5	2.5	15.1		
	NU 2228EM/P5	140		217	169		154	236	2.5	2.5	14.4		
	NU 3228X2M	140			213	169		154	236	2.5	2.5	18.4	
	NJ 328Q1/P64S0	4E42328EQTY	140	194	248.5	180	158	282	3	3	21.5		
	NU 328Q1/P63S0	3E32328EQT	140		248.5	180	158	282	3	3	21.6		
	N 328 EM		140	194		260	156		265	3	3	21.7	
	NJ 2328EM		140	194	248.5	180	158	282	3	3	37.3		
	NU 2328EM		140		248.5	180	158	282	3	3	36.7		
	NF3328X2	3-254	140	190.4	253.4	266		156	278	3	3	43.3	
	NU428M	32428H	140		279		196	160	340	4	4	48	
NJ428M	42428H	140	217	279		196	160	340	4	4	48.7		
NJ 230EM		150	193.5	233	182		164	256	2.5	2.5	11.7		
	NU230EM	150		233	182		164	256	2.5	2.5	11.4		
	NU230EQ1/P63S0	3E32230EQT	150		233	182		164	256	2.5	2.5	10.4	
	NJ330Q1/P64S0	4E42330EQTY	150	209	270	193	166	304	3	3	25.7		
	NU330Q1/P63S0	3E32330EQT	150		270	193	166	304	3	3	26.6		
	NU 2330 EM	32630EH	150		270	193	166	304	3	3	45.7		
	NU 232EQ1/P63S0	3E32232EQT	160		250	195		174	276	2.5	2.5	14.6	
NU232EM		160		250	195		174	276	2.5	2.5	14.7		
NJ 232 EM		160	206.5	250	195		174	276	2.5	2.5	14.9		
N 232EM			160		250	195		174	276	2.5	2.5	14.6	
NU 2232 EM		32532EH	160		245	193	174	276	2.5	2.5	24.5		
NU 332 EQ1/P64S0		4E32332EQT	160		285	204	178	322	3	3	31.1		
NU2332E.M1		160		284.6	204	178	322	3	3	52			
NU 1034M	32134H	170		227	193		181	249	2	2	8.31		
	NJ 234Q1/P63S0	3E32234QT	170		263	208	188	292	3	3	17.8		
	NJ234M		170	220	268.5	207	188	292	3	3	17.9		
	NU234M		170		268.5	207	188	292	3	3	17.7		
	NU 2234 EM	32534EH	170		270	205	188	292	3	3	30		
	NU334EM		170		300.6	218	188	344	3	3	36.3		
	NU 2334M	32634H	170		289	220	188	344	3	3	62.3		
	NJ 2334M	42634H	170	237	289	220	188	344	3	3	63.6		
	NU 3036X2M	32836H	180		246	204		191	269	3	3	19.6	
		N 036M	180	219		250		191	269	257	2	2	7.97
NU 236 M		180		278.5	217		198	302	3	3	18.6		



single row



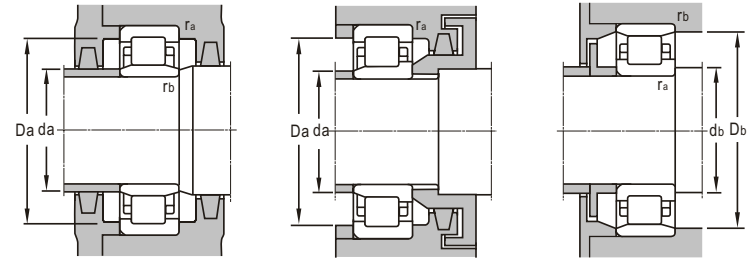
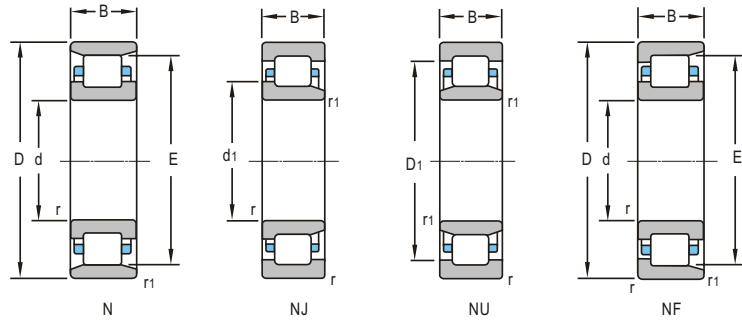
d 180~240mm

Boundary Dimensions					Basic Load Ratings		Limiting Speeds	
d	D	B	r _{min}	r _{1min}	Dynamic C	Static C ₀	Grease	Oil
mm					kN		r/min	
180	320	52	4	4	587	782	1700	2000
	320	86	4	4	954	1408	1700	2000
	380	126	4	4	1554	2212	1300	1600
	380	126	4	4	1860	2610	1600	2800
	380	252	4	4	3190	5220	1300	1600
190	260	42	2	2	239	216	2000	2800
	290	46	2.1	2.1	384	575	2000	2600
	340	55	4	4	649	871	1600	1900
	340	92	3	3	1220	1600	1600	1900
	200	310	34	2	2	280	300	1900
310		34	2	2	280	300	1900	2400
310		51	2.1	2.1	388	580	1900	2400
310		51	2.1	2.1	388	580	1900	2400
310		51	2.1	2.1	448	695	1900	2400
310		51	2.1	2.1	450	700	3000	3400
320		88.9	2.5	2.5	946	1346	1800	2300
340		50	4	4	421	603	1700	2200
360		58	4	4	745	1020	1500	1800
360		58	4	4	745	1020	1500	1800
220		340	56	3	3	470	750	1800
	340	56	3	3	470	750	1800	2200
	350	98.42	3	3	1150	1792	1600	2000
	400	65	4	4	769	1100	1500	1800
	400	65	4	4	769	1100	1500	1800
	460	88	5	5	1130	1020	1200	1500
230	370	80	4	4	844	1371	1400	1800
240	360	37	2.1	2.1	388	392	1700	2000
	360	56	3	3	497	820	1700	2000
	360	56	3	3	530	850	1700	2000
	360	56	3	3	497	820	1700	2000
	360	92	3	3	855	938	1600	1900
	390	108	4	4	1370	2310	1500	1800
	440	72	4	4	997	1450	1300	1600
	440	72	4	4	997	1450	1300	1600
	500	95	5	5	1390	1610	1000	1300

Bearing Designations		Journal	Other Dimensions				Mounting Dimensions					Mass	
Present	Original		d ₁	D ₁	E	F	d _{amin}	D _{amax}	d _{bmin}	r _{amax}	r _{0max}		
		mm	mm					mm					kg
NJ 236 M		180	230	278.5	217		198	302	3	3		18.9	
	NU 2236 EM	32536EH	180	280	215		198	302	3	3		30.8	
	NJ 2336 EM	42636EH	180	246	320	231	198	362	3	3		77.9	
	FD-NUP2336VH		180	245	315	211.69	200	360	3	3		69.9	
	FD-NJ2336VH-DF		180	245	315	211.71	200	360	3	3		137	
NU 2938Q1	2032938Q	190		235	207		201	249	2	2		6.45	
	NU 1038 M	190		254	215		201	279	2	2		10.8	
	NJ 238 EM	190	244	295.2	230		206	324	3	3		22.4	
	NU 2238MA	190		297	206		210	324	2	2		39	
N 040H	7002140W	200	243		277		211		283	2	2	10.2	
	NFP 040H	7022140W	200	243	269	277	211	299	2	2		10.5	
	NU 1040	32140	200		269		211	299	2	2		14.3	
	NU 1040 NQ1	232140Q	200		269	229	211	299	2	2		14.3	
	NJ 1040M		200	239	269	224	211	249	2	2		14.9	
	N 1040M		200	242		282	211	299	284	2	2	14.3	
	NU 640M	32840H	200		286.3		212	308	2	3		26.5	
	N 640M	2740H	200	250		303	218		322	3	3	18.6	
	NJ 240 EM		200	258	310	243	218	342	3	3		27.8	
	NU 240 EM		200		310	243	218	342	3			27.3	
	NU 1044	32144	220		297	250		233	327	2.5	2.5		19.3
NU 1044 NQ		232144Q	220		297	250	233	327	2.5	2.5		18.9	
NU 644M		32844H	220		313	245	234	336	2.5	3		37.5	
NJ 244M			220	286	336.6	270	236	384	3	3		39.2	
NU 244M			220		336.6	270	236	384	3	4		38.4	
NU 344M		32344H	220		370.2	284	240	438	4			75.6	
N 646	2746H	230			334	334	246	354	3			37	
N 048F1	7002148W	240	287		325		251		348	2	2	14.7	
	NU 1048M	32148H	240		318	270	253	347	2.5	2.5		20.4	
	NU 1048Q	32148Q	240		318	270	253	347	2.5	2.5		20.4	
	NJ 1048M	42148H	240	279	318	270	253	347	2.5	2.5		20.8	
	NU3048EM	3032148EH	240		316.2	270	253	347	2.5	3		35.5	
	NU 2148X3M/C9		240		340	275	258	372	3	3		53.7	
	NU248		240		367.3	295	258	372	3	3		50	
	NJ 248		240	313	367.3	295	258	422	3	4		50.7	
	NU 348M	32348H	240		402.7	310	262	478	4			97.7	



single row



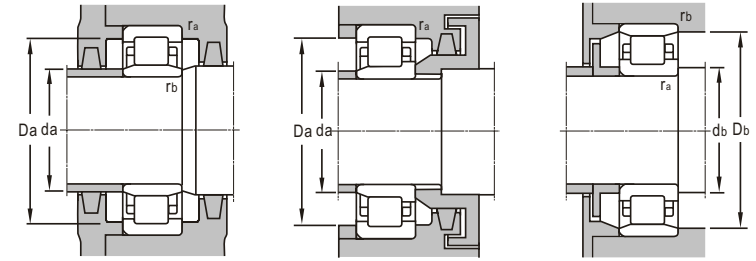
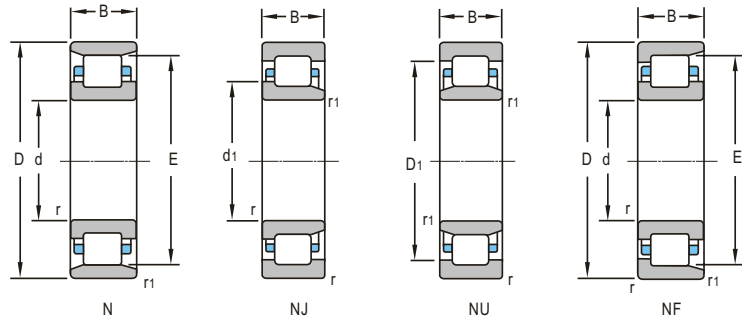
d 250~380mm

Boundary Dimensions					Basic Load Ratings		Limiting Speeds	
d	D	B	r _{min}	r _{1min}	Dynamic C	Static C ₀	Grease	Oil
mm					kN		r/min	
250	380	50	5	2.1	660	643	1300	1700
260	400	44	3	3	552	603	1500	1800
	400	65	4	4	659	1030	1500	1800
	400	65	4	4	659	1030	1500	1800
	400	65	4	4	659	1030	1500	1800
	400	65	4	4	659	1030	1500	1800
	400	65	4	4	659	1030	1500	1800
480	80	5	5	1170	1700	1200	1500	
280	420	65	4	4	693	1120		
	420	65	4	4	693	1120	1400	1700
	580	108	6	6	1642	2523	850	1000
300	460	74	4	4	1000	1660	1200	1500
	460	74	4	4	1000	1660	1200	1500
	460	74	3	3	885	1400	1300	1500
	460	74	4	4	893	1420	1200	1500
	460	118	4	4	1650	3050	1000	1300
	540	85	5	5	1420	2100	1000	1300
305	460	65	4	4	800	878	1200	1500
	460	65	4	4	800	878	1200	1500
320	480	74	4	4	1021	1727	1100	1400
	480	74	4	4	941	1549	1100	1400
	480	74	4	4	1021	1727	1100	1400
	480	74	4	4	941	1549	1100	1400
	670	200	7.5	7.5	3810	5700		
340	520	57	4	4	1035	1800	1000	1300
	520	57	4	4	957	1420	1000	1300
	530	133	5	5	1660	3320	900	1100
360	650	170	6	6	3000	5080	800	950
	750	224	7.5	7.5	5200	8300	630	750
368.1	558.8	114	5	5			900	1100
380	480	60	2.1	2.1	668	1437	1000	1300
	680	240	6	6	5450	10000	850	1300

Bearing Designations		Journal	Other Dimensions				Mounting Dimensions					Mass
Present	Original		d ₁	D ₁	E	F	d _{amin}	D _{amax}	d _{bmin}	r _{amax}	r _{0max}	
		mm	mm								kg	
N 650L	2750L	250	298		347		272	368	4	2	19.8	
N 052F1	7002152W	260	314		360		274	367	2.5	2.5	22.7	
	2152W	260	312		364		276	367	3	3	30.8	
NUP 1052F1		260		348	296		276	384	3	3	32.3	
NU 1052F2		260		348	296		276	384	3	3	30.5	
NU 1052F1		260		348	296		276	384	3	3	30.5	
NU 1052M		260		348	296		276	384	3	3	31.4	
Nu252 EMA		260		397	320		280	460	4	4	67.6	
NJ 1056M		280	329	368	396		298	404	3	3	34.5	
NU 1056M	32156H	280		368	316		298	404	3	3	33.4	
NU 356M		280		469	362		308	552	5	5	139	
NU 1060	32160	300		407	340		318	442	3	3	44.4	
N 1060		300	353	407	420		318	423	3	3	44	
NU 1060MA		300		402	340		316	444	2	2	44	
NJ 1060M		300	356	407	340		318	442	3	3	44.3	
NU 3060	3032160	300		407	340		316	442	3	3	72	
NU 260	32260	300		450	365		322	520	4	4	87.2	
N 661L	2761L	305	362		420.5		325	423	2.5	2.5	35.2	
N 661	3-208	305	362		420.5		325	423	2.5	2.5	39.7	
NU 1064	32164	320		427	360		338	462	3	3	47	
NU 1064M		320		423	360		338	462	3	3	46.6	
NU 1064 K	332164	320		427	360		338	462	3	3	46.1	
NJ 1064M		320	376	423	360		338	462	3	3	47.7	
NU 2364M		320		556	410		348	642	6	6	368	
N 068	7002168	340	408		470		358	483	4	3	45.5	
NJ 068 M		340	405	459	390		358	500	4	3	46.8	
N 668 M	2768H	340	405		476		362	490	4	4	117	
NU2272EM	32572EH	360		542	437		386	624	5	5	263	
NU 2372	32672	360		610	455		395	715	6	6	485	
N6/368.3	3-245	368.1	437		510		386	530	4	4	101	
N 2876	2002876K	380	417		455		392	468	2	2	24.6	
NU 3276/HCC 3 YA		380		581	451		410	650	5	5	384	



single row



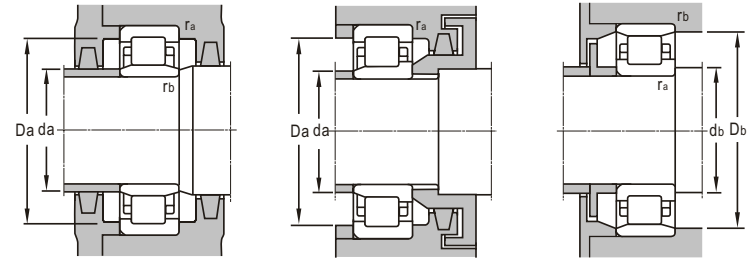
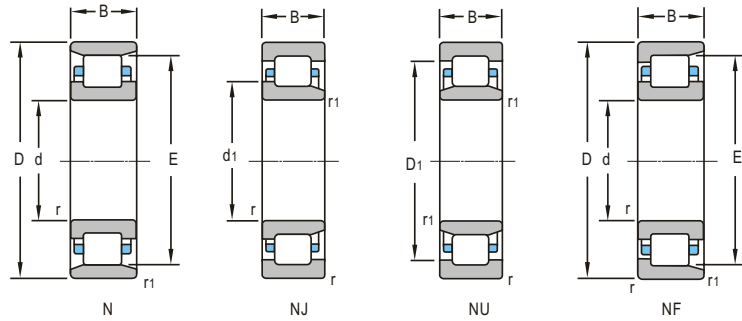
d 400--530mm

Boundary Dimensions					Basic Load Ratings		Limiting Speeds	
d	D	B	r _{min}	r _{1min}	Dynamic C	Static C ₀	Grease	Oil
mm					kN		r/min	
400	540	65	4	4	965	1831	950	1150
	600	90	5	5	1627	2806	900	1100
	600	90	5	5	1627	1627	900	1100
	600	148	5	5	2530	4950	800	980
	650	145	6	6	2907	5429	750	900
420	560	65	4	4	825	1650	900	1100
	560	82	4	4	1440	3240	400	480
	560	82	4	4	1240	2660	850	1100
	700	224	6	6	5260	9730	630	800
434	540	46	2.5	1.5	423	918	900	1100
440	546	46	2.5	1.5	423	918	850	1000
	720	122	6	6	2423	4052	800	950
460	620	95	4	4	1769	3883	750	900
	620	95	4	4	1700	3380	750	900
	620	95	4	4	1769	3883	750	900
	620	95	4	4	1870	4180	350	450
	680	100	6	6	2000	3700	800	950
	760	240	7.5	7.5	5600	10500	560	670
	760	240	7.5	7.5	5880	11200	560	670
	820	200	7.5	7.5	4900	8510	510	610
	470	870	210	7.5	7.5	5100	8720	530
480	650	78	5	5	1136	2213	850	950
	790	248	7.5	7.5	6230	12100	530	630
500	620	56	3	3	847	1790	800	950
	670	100	5	5	2000	4510	750	900
	720	100	6	6	2300	4510	750	900
	720	6	6	6	9270	27100	900	1200
	830	264	7.5	7.5	7100	13500	500	600
	900	210	7.5	7.5	6590	11500	440	550
	900	210	7.5	4.5	6590	11500	670	950
530	650	72	3	3	1190	2820	750	900
	710	106	4.5	4.5	2170	5200	700	850
	870	272	7.5	7.5	7690	15100	440	550

Bearing Designations		Journal	Other Dimensions				Mounting Dimensions					Mass
Present	Original		d ₁	D ₁	E	F	d _{amin}	D _{amax}	d _{bmin}	r _{amax}	r _{0max}	
		mm	mm								kg	
NU 1980	1032980	400	490	434	418	522	3	3	42.7			
NU 1080	32180	400	528	448	420	580	4	4	88.8			
NU 1080K	332180	400	528	448	420	580	4	4	88.8			
NU 3080	3032180	400	528	448	420	580	4	4	145			
N 2180	2002780	400	492	585	428	612	5	5	190			
NF1984/C9YA1		420	470.8	509.2	522	438	542	3	3	41.6		
NCF 2984V		420	469	509	524	438	542	3	3	52.5		
NU 2984M		470	727	575	490	850	6	6	595			
NU 3184		420	613	485	444	676	5	5	348			
NU 16/434	32987	434	502	468	445	525	2	1.5	26.2			
NU 188X1	32788	440	502	468	454	534	2	1.5	26.5			
	1002788	440	543	648	466	680	5	5	191			
N 2992	2002992	460	516	580	480	588	3	3	82.4			
NJ 2992EM		460	510	570	495	479	601	3	3	85.1		
NU 2992	2032992	460	562	500	480	596	3	3	84			
NCF 2992V		460	516	562	580	480	596	3	3	82.3		
NU 1092M		460	600	516	484	656	5	5	130			
NU 3192MA/4HC		460	662	529	489	731	6	6	647			
NU 3192		460	659	529.3	496	724	6	6	435			
NU 692/HC YA		460	697	550	489	791	6	6	465			
NU 694M		470	727	575	490	850	6	6	595			
NU1996-2		480	592	525	500	6300	4	4	76			
	NU 3196	480	701	556	516	754	6	6	489			
NF 18/500EM		500	542	584	530	514	606	2	2	37.1		
	NU 29/500	500	610	543	522	648	4	4	99.5			
	NU 10/500	500	648	556	528	692	5	5	135			
	500RV7211	500	648	560	525	700	6	6	730			
	NU 31/500	500	728	576	536	794	6	6	563			
	NU 6/500/HC	500	767	599	529	871	6	6	603			
	NU 6/500/HCC 3 YA	500	767	599	520	880	6	6	603			
NU 28/530 EMA		530	614	561	544	636	2.1	2.1	52			
	NU 29/530	530	644	575	555	685	4	4	123			
	NU 31/530/HC	530	764	612	559	841	6	6	649			



single row



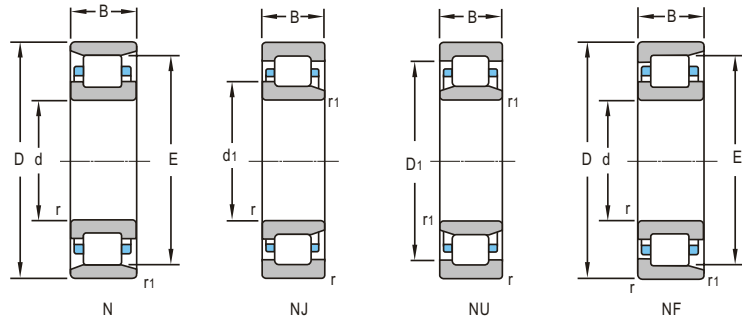
d 560~1250mm

Boundary Dimensions					Basic Load Ratings		Limiting Speeds	
d	D	B	r _{min}	r _{1min}	Dynamic C	Static C ₀	Grease	Oil
mm					kN		r/min	
560	680	56	3	3	908	2130	700	850
	680	72	3	3	1100	2720	680	820
	920	128	7.5	7.5	3540	6370	500	600
	920	128	7.5	7.5	3540	6370	900	1000
	920	128	6	6	3710	6210	900	1000
920	128	7.5	7.5	3630	5820	900	1000	
600	1090	155	9.5	9.5	4930	8390	480	850
630	850	100	6	6	2230	4633	600	700
	850	128	6	6	3158	7244	600	700
666.75	838.2	114.3	4	4	2890	6860	560	670
670	820	69	4	4	1208	2870	560	670
	820	112	4	4	2500	6760	560	670
	900	103	6	6	2640	5860	530	630
700	930	160	6	6	3450	8400	500	600
710	870	74	4	4	1370	3180	520	620
	950	106	6	6	2610	5530	500	600
	950	106	6	6	2610	5530	500	600
750	920	120	5	5	2530	6870	500	600
800	980	82	5	5	1804	4320	450	530
840	1040	125	4	4	3315	9729	430	500
950	1250	224	7.5	7.5	6549	17838	340	400
	1250	175	7.5	7.5	5317	13932	340	400
1060	1400	150	7.5	7.5	5768	15570	280	340
1120	1360	106	6	6	3430	8660	121	151
	1360	112	6	6	3720	10100	220	280
	1360	112	6	6	3720	10100		
1200	1520	185	7.5	7.5	5277	10223	200	260
1250	1630	170	7.5	7.5	5830	14000	195	250

Bearing Designations		Journal	Other Dimensions				Mounting Dimensions					Mass	
Present	Original		d ₁	D ₁	E	F	d _{amin}	D _{amax}	d _{bmin}	r _{amax}	r _{0max}		
		mm						mm					kg
N 18/560		560	601	650			574	666	650	2.5	2.5	43.3	
NF 28/560M		560	601	640	650		574	666	650	2.5	2.5	55.8	
NU 1/560		560		797	660		596	884		6	6	381	
NU1/560X2+HJ1/560X		560		797	660		580	900		6	9	381	
NU 1/560+HJ1/560		560		797	660		580	900		6	6	381	
NU1/560+HJ1/560X		560		807	653		580	900		3	3	373	
NU2/600X+HJ2/600X		600		916	748		620	1070		8	8	727	
N 19/630		630	710	795			658	822	822	5	5	160	
NU 29/630	10029/630 20329/630	630		770	685		658	822		5	5	206	
NFP6/666.75Q1/C9	3-235U	666.75	724	785	803.3		685	820		3	3	146	
NJ 18/670M		670	726	769.5	712		688	802		3	3	78.9	
NJ 38/670Q1		670	718	774	706		688	802		3	3	123	
NU 19/670		670		825.5	731		698	872		5	5	188	
NU 6/700	327/700	700		845	760		728	902		5	5	295	
N 18/710/H/C/P6		710	765	830			726	845	3	3		95.2	
N 19/710		710	797	890			738	912	5	5		205	
NU 19/710	10029/710 10329/710	710		863	770		738	922		5	5	207	
N 38/750X2M		750	809	878			772	890	4	4		178	
NJ 18/800M		800	868	921	849		822	958		4	4	120	
N 6/840	27/840	840	912	985			858	1022	3	3		240	
N 39/950		950	1062	1170			986	1214	6	6		745	
NU 29/950	30029/950 20329/950	950		1137	1032		986	1214		6	6	563	
NU 19/1060M	10329/1060H	1060		1270	1162		1096	1364		6	6	683	
NJ 18/1120/YA		1120	1202	1290	1182		1150	1330		5	5	311	
NU 18/1120X2		1120		1282	1180		1148	1332		5	5	333	
NU 18/1120X2/H/C		1120		1290	1182		1146	1334		5	5	333	
NU 6/1200	329/1200	1200		1410	1280		1236	1484		6	6	815	
NU 19/1250		1250	1498	1350								977	

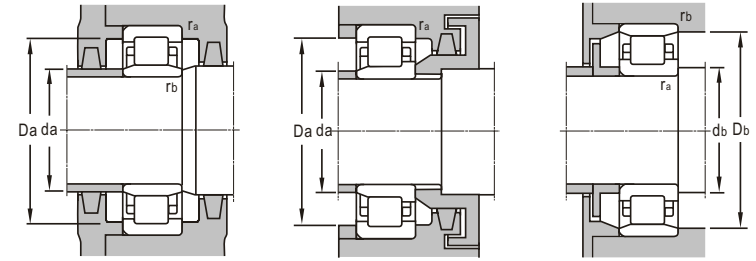


single row



d 1320~1600mm

Boundary Dimensions					Basic Load Ratings		Limiting Speeds	
d	D	B	r_{min}	r_{1min}	Dynamic C	Static C_0	Grease	Oil
mm					kN		r/min	
1320	1720	175	7.5	7.5	4482	11034	190	240
	1720	175	7.5	7.5	4482	11034	190	240
1400	1700	175	7.5	7.5	7590	22100	70	90
1500	1800	150	7.5	7.5	5320	16790	170	200
	1820	140	7.5	7.5	5090	13900	60	80
1600	1950	155	7.5	7.5	6174	17694	150	180



Bearing Designations		Journal	Other Dimensions				Mounting Dimensions					Mass	
Present	Original		d_1	D_1	E	F	d_{amin}	D_{amax}	d_{bmin}	r_{amax}	r_{bmax}		
		mm	mm					mm					kg
NU 19/1320	10329/1320	1320		1565	1440		1356	1684	6	6	6	1148	
	NU 19/1320M	10329/1320H	1320	1565	1440		1356	1684	6	6	6	1164	
N 28/1400		1400	1506		1637		1370		1647	6	6	812	
NU 6/1500/VA	3-248	1500		1688.4	1586		1536	1764	6	6	6	805	
		NU 18/1500C3	1500		1706	1585		1530	1790	6	6	6	758
NU 18/1600	10328/1600	1600		1818	1695		1636	1914	6	6		1059	