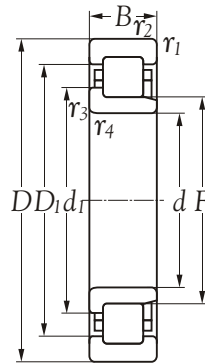


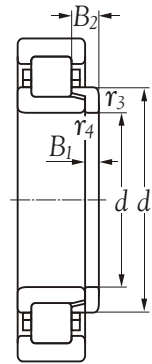
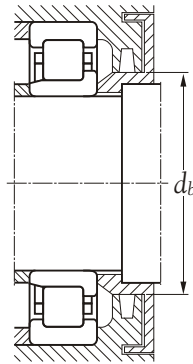


Technical Information



Inner bore <i>d</i> mm	Bearing number	Principal dimensions		Basic load ratings		Max runout speed		Mass kg
		<i>D</i> mm	<i>B</i> mm	dynamic <i>C</i> N	static <i>C</i> ₀	grease r/min	oil r/min	
20	NJ 2304 EC	52	21	33000	30400	7700	9800	0.22
25	NJ 2305 EC	62	24	44800	44000	6300	7700	0.36
30	NJ 2306 EC	72	27	58900	60000	5600	6600	0.54
35	NJ 2307 EC	80	31	73000	78400	4900	5900	0.73
40	NJ 2308 EC	90	33	89600	96000	4400	5200	0.96
45	NJ 2309 EC	100	36	110400	122400	3900	4600	1.30
50	NJ 2310 EC	110	40	128800	148800	3500	4200	1.75
55	NJ 2311 EC	120	43	160800	185600	3300	3900	2.25
60	NJ 2312 EC	130	46	179200	212000	3000	3500	2.80
65	NJ 2313 EC	140	48	200800	232000	2800	3300	3.35
70	NJ 2314 EC	150	35	164000	182400	2500	3000	2.75
70	NJ 2314 EC	150	51	220000	260000	2500	3000	4.05
75	NJ 2315 EC	160	55	264000	320000	2300	2800	5.00
80	NJ 2316 EC	170	58	286400	352000	2200	2600	5.95
85	NJ 2317 EC	180	60	316800	392000	2100	2500	7.00
90	NJ 2318 EC	190	64	352000	432000	1900	2300	8.15
95	NJ 2319 EC	200	67	374400	468000	1800	2200	9.55
100	NJ 2320 EC	215	73	466400	588000	1600	2100	12.00
110	NJ 2322 EC	240	80	545600	720000	1400	1800	17.00
120	NJ 2324 EC	260	86	633600	832000	1300	1600	24.00
130	NJ 2326 EC	280	93	748000	1000000	1200	1500	30.50
140	NJ 2328 EC	300	102	840000	1144000	1200	1500	37.50
150	NJ 2330 EC	320	108	952000	1304000	1100	1400	46.00
160	NJ 2332 EC	340	114	1056000	1488000	1000	1200	54.00





Inner bore <i>d</i> mm	Bearing number	Dimensions(mm)							Abutment and fillet dimensions(mm)						Angle ring Designation	Dimensions		Mass kg
		<i>d</i> ₁	<i>D</i> ₁	<i>F</i>	<i>r</i> _{1,2} min	<i>r</i> _{3,4} min	<i>s</i> ⁰	<i>d</i> _a min	<i>d</i> _a max	<i>d</i> _b max	<i>D</i> _a max	<i>r</i> _a max	<i>r</i> _b max	<i>B</i> ₁ mm		<i>B</i> ₂ mm		
20	NJ 2304 EC	31.2	42.4	27.5	1.1	0.6	1.9	24.0	26	33	45.5	1.0	0.6	HJ 2304 EC	4	7.5	0.018	
25	NJ 2305 EC	38.1	50.7	34.0	1.1	1.1	2.3	31.5	32	40	55.5	1.0	1.0	HJ 2305 EC	4	8.0	0.025	
30	NJ 2306 EC	45.0	58.9	40.5	1.1	1.1	2.4	36.5	39	47	65.5	1.0	1.0	HJ 2306 EC	5	9.5	0.042	
35	NJ 2307 EC	51.0	66.3	46.2	1.5	1.1	2.7	41.5	44	53	72.0	1.5	1.0	HJ 2307 EC	6	11.0	0.062	
40	NJ 2308 EC	57.5	75.6	52.0	1.5	1.5	2.9	48.0	50	60	82.0	1.5	1.5	HJ 2308 EC	7	12.5	0.088	
45	NJ 2309 EC	64.4	83.8	58.5	1.5	1.5	3.2	53.0	56	67	92.0	1.5	1.5	HJ 2309 EC	7	13.0	0.110	
50	NJ 2310 EC	71.2	92.1	65.0	2.0	2.0	34.0	59.0	63	73	101.0	2.0	2.0	HJ 2310 EC	8	14.5	0.150	
55	NJ 2311 EC	77.5	101.0	70.5	2.0	2.0	3.5	64.0	68	80	111.0	2.0	2.0	HJ 2311 EC	9	15.5	0.190	
60	NJ 2312 EC	84.3	110.0	77.0	2.1	2.1	3.6	71.0	74	87	119.0	2.0	2.0	HJ 2312 EC	9	16.0	0.230	
65	NJ 2313 EC	90.5	119.0	82.5	2.1	2.1	4.7	76.0	80	93	129.0	2.0	2.0	HJ 2313 EC	10	18.0	0.290	
70	NJ 2314 EC	97.3		133.0	2.1	2.1	1.8	81.0	130		139.0	2.0	2.0					
70	NJ 2314 EC	97.3	127.0	89.0	2.1	2.1	4.8	81.0	86	100	139.0	2.0	2.0	HJ 2314 EC	10	18.5	0.340	
75	NJ 2315 EC	104.0	136.0	95.0	2.1	2.1	4.8	86.0	92	107	149.0	2.0	2.0	HJ 2315 EC	11	19.5	0.420	
80	NJ 2316 EC	110.0	144.0	101.0	2.1	2.1	5.1	91.0	98	113	159.0	2.0	2.0	HJ 2316 EC	11	20.0	0.480	
85	NJ 2317 EC	117.0	153.0	108.0	3.0	3.0	5.8	98.0	105	120	167.0	2.5	2.5	HJ 2317 EC	12	22.0	0.590	
90	NJ 2318 EC	124.0	162.0	113.5	3.0	3.0	6.0	103.0	110	127	177.0	2.5	2.5	HJ 2318 EC	12	22.0	0.650	
95	NJ 2319 EC	132.0	170.0	121.5	3.0	3.0	6.9	108.0	118	135	187.0	2.5	2.5	HJ 2319 EC	13	24.5	0.810	
100	NJ 2320 EC	139.0	182.0	127.5	3.0	3.0	5.9	113.0	124	142	202.0	2.5	2.5	HJ 2320 EC	13	23.5	0.930	
110	NJ 2322 EC	155.0	201.0	143.0	3.0	3.0	7.5	123.0	139	159	227.0	2.5	2.5	HJ 2322 EC	14	26.5	1.250	
120	NJ 2324 EC	168.0	219.0	154.0	3.0	3.0	7.2	133.0	150	171	247.0	2.5	2.5	HJ 2324 EC	14	26.0	1.450	
130	NJ 2326 EC	181.0	236.0	167.0	4.0	4.0	8.7	146.0	163	185	264.0	3.0	3.0	HJ 2326 EC	14	28.0	1.700	
140	NJ 2328 EC	195.0	252.0	180.0	4.0	4.0		156.0		199	284.0	3.0	3.0	HJ 2328 EC	15	31.0	2.150	
150	NJ 2330 EC	209.0	270.0	193.0	4.0	4.0	10.5	166.0	189	213	304.0	3.0	3.0	HJ 2330 EC	15	31.5	2.500	
160	NJ 2332 EC	221.0	286.0	204.0	4.0	4.0	11.0	176.0	200	225	324.0	3.0	3.0	HJ 2332 EC	15	32.0	2.800	

