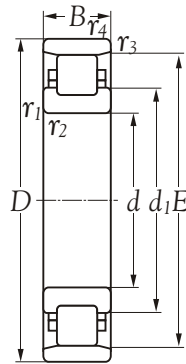


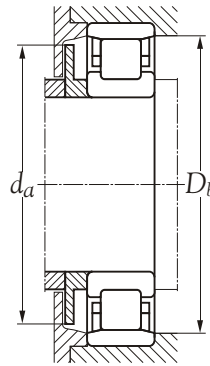


Technical Information



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> <sub>0</sub>	grease r/min	oil r/min	
17	N303 EC	47	14	19600	16300	9800	11900	0.12
20	N304 EC	52	15	24600	20800	8400	10500	0.15
25	N305 EC	62	17	32100	29200	6600	8400	0.24
30	N306 EC	72	19	40900	38400	6300	7700	0.36
35	N307 EC	80	21	51500	50400	5600	6600	0.48
45	N309 EC	100	25	79200	80000	4400	5200	0.88
50	N310 EC	110	27	88000	89600	3500	4200	1.15
55	N311 EC	120	29	110400	114400	3300	3900	1.45
60	N312 EC	130	31	120800	128000	3000	3500	1.80
65	N313 EC	140	33	146400	156800	2800	3300	2.25
75	N315 EC	160	37	193600	212000	2300	2800	3.30
80	N316 EC	170	39	208000	232000	2200	2600	3.90
85	N317 EC	180	41	237600	268000	2100	2500	4.70
90	N318 EC	190	43	255200	288000	1900	2300	5.40
95	N319 EC	200	45	272800	312000	1800	2200	6.25
100	N320 EC	215	47	312800	352000	1600	2100	7.55
105	N321 EC	225	49	352000	400000	1500	1900	98.65
110	N322 EC	240	50	374400	432000	1400	1800	10.50
120	N324 EC	260	55	431200	496000	1300	1600	13.00
130	N326 EC	280	58	501600	600000	1200	1500	18.50
140	N328	300	62	475200	568000	1300	1600	20.00
150	N330 EC	320	65	624800	772000	1100	1400	28.50
170	N334 EC	360	72	761600	944000	900	1100	38.50





Inner bore <i>d</i> mm	Bearing number	Dimensions (mm)					Abutment and fillet dimensions(mm)					
		<i>d</i> <sub>1</sub>	<i>E</i>	<i>r</i> <sub>1,2</sub> min	<i>r</i> <sub>3,4</sub> min	<i>s</i> <sup>o)</sup>	<i>d</i> <sub>β</sub> min	<i>d</i> <sub>α</sub> max	<i>D</i> <sub>α</sub> max	<i>D</i> <sub>α</sub> min	<i>r</i> <sub>α</sub> max	<i>r</i> <sub>β</sub> max
17	N303 EC	27.7	40.2	1.0	0.6	1.0	22.0	38	43.0	42	1.0	0.6
20	N304 EC	31.2	45.5	1.1	0.6	0.9	26.5	44	48.0	47	1.0	0.6
25	N305 EC	38.1	54.0	1.1	1.1	1.3	31.5	52	56.0	56	1.0	1.0
30	N306 EC	45.0	62.5	1.1	1.1	1.4	36.5	60	65.5	64	1.0	1.0
35	N307 EC	51.0	70.2	1.5	1.1	1.2	43.0	68	73.5	72	1.5	1.0
45	N309 EC	64.4	58.5	1.5	1.5	1.7	53.0	86	92.0		1.5	1.5
50	N310 EC	71.2	97.0	2.0	2.0	1.9	59.0	95	101.0	99	2.0	2.0
55	N311 EC	77.5	106.5	2.0	2.0	2.0	64.0	104	111.0	109	2.0	2.0
60	N312 EC	84.3	115.0	2.1	2.1	2.1	71.0	112	119.0	118	2.0	2.0
65	N313 EC	90.5	124.5	2.1	2.1	2.2	76.0	122	129.0	127	2.0	2.0
75	N315 EC	104.0	143.0	2.1	2.1	1.8	86.0	140	149.0	146	2.0	2.0
80	N316 EC	110.0	151.0	2.1	2.1	2.1	91.0	149	159.0	154	2.0	2.0
85	N317 EC	117.0	160.0	3.0	3.0	2.3	98.0	157	167.0	163	2.5	2.5
90	N318 EC	124.0	169.5	3.0	3.0	2.5	103.0	166	177.0	173	2.5	2.5
95	N319 EC	132.0	177.5	3.0	3.0	2.9	108.0	174	187.0	181	2.5	2.5
100	N320 EC	139.0	191.5	3.0	3.0	2.9	113.0	188	202.0	195	2.5	2.5
105	N321 EC	145.0	201.0	3.0	3.0	3.4	118.0	198	212.0	203	2.5	2.5
110	N322 EC	155.0	211.0	3.0	3.0	3.0	123.0	208	227.0	215	2.5	2.5
120	N324 EC	168.0	230.0	3.0	3.0	3.7	133.0	226	247.0	234	2.5	2.5
130	N326 EC	181.0	247.0	4.0	4.0	3.7	146.0	243	264.0	251	3.0	3.0
140	N328	196.0	260.0	4.0	4.0	4.2	156.0	256	284.0	264	3.0	3.0
150	N330 EC	209.0	283.0	4.0	4.0	4.0	166.0	279	304.0	287	3.0	3.0
170	N334 EC	236.0	318.0	4.0	4.0	4.6	186.0	313	344.0	323	3.0	3.0

