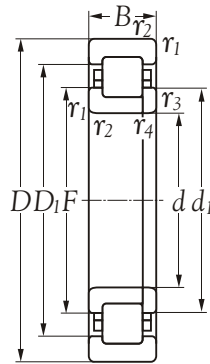


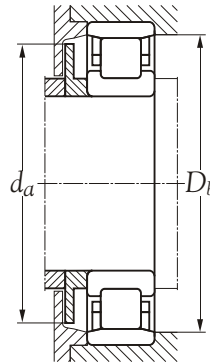


Technical Information



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	
17	NUP 303 EC	47	14	19600	16300	9800	11900	0.13
20	NUP 304 EC	52	15	24600	20800	8400	10500	0.16
25	NUP 305 EC	62	17	32100	29200	6600	8400	0.25
30	NUP 306 EC	72	19	40900	38400	6300	7700	0.38
35	NUP 307 EC	80	21	51500	50400	5600	6600	0.51
40	NUP 308 EC	90	23	64700	62400	4600	5600	0.68
45	NUP 309 EC	100	25	79200	80000	4400	5200	0.95
50	NUP 310 EC	110	27	88000	89600	3500	4200	1.20
55	NUP 311 EC	120	29	110400	114400	3300	3900	1.55
60	NUP 312 EC	130	31	120800	128000	3000	3500	1.95
65	NUP 313 EC	140	33	146400	156800	2800	3300	2.35
75	NUP 315 EC	160	37	193600	212000	2300	2800	3.45
80	NUP 316 EC	170	39	208000	232000	2200	2600	4.10
85	NUP 317 EC	180	41	237600	268000	2100	2500	4.90
90	NUP 318 EC	190	43	255200	288000	1900	2300	5.65
100	NUP 320 EC	215	47	312800	352000	1600	2100	7.95
110	NUP 322 EC	240	50	374400	432000	1400	1800	11.00
120	NUP 324 EC	260	55	431200	496000	1300	1600	14.00
130	NUP 326 EC	280	58	501600	600000	1200	1500	19.50
140	NUP 328 EC	300	62	545600	664000	1200	1500	23.50





Inner bore d mm	Bearing number	Dimensions (mm)						Abutment and fillet Dimensions (mm)				
		d_1	D_1	F	$r_{1,2}$ min	$r_{3,4}$ min	s^p	d_a min	d_b max	D_a max	r_a max	r_b max
17	NUP 303 EC	27.7	37.0	24.2	1.0	0.6		21.0	29	42.0	1.0	0.6
20	NUP 304 EC	31.2	42.4	27.5	1.1	0.6		24.0	33	45.5	1.0	0.6
25	NUP 305 EC	38.1	50.7	34.0	1.1	1.1		31.5	40	55.5	1.0	1.0
30	NUP 306 EC	45.0	58.9	40.5	1.1	1.1		36.5	47	65.5	1.0	1.0
35	NUP 307 EC	51.0	66.3	46.2	1.5	1.1		41.5	53	72.0	1.5	1.0
40	NUP 308 EC	57.5	75.6	52.0	1.5	1.5		48.0	60	82.0	1.5	1.5
45	NUP 309 EC	64.4	83.8	58.5	1.5	1.5		53.0	67	92.0	1.5	1.5
50	NUP 310 EC	71.2	92.1	65.0	2.0	2.0		59.0	73	101.0	2.0	2.0
55	NUP 311 EC	77.5	101.0	70.5	2.0	2.0		64.0	80	111.0	2.0	2.0
60	NUP 312 EC	84.3	110.0	77.0	2.1	2.1	2	71.0	87	119.0	2.0	2.0
65	NUP 313 EC	90.5	119.0	82.5	2.1	2.1		76.0	93	129.0	2.0	2.0
75	NUP 315 EC	104.0	136.0	95.0	2.1	2.1		86.0	107	149.0	2.0	2.0
80	NUP 316 EC	110.0	144.0	101.0	2.1	2.1		91.0	113	159.0	2.0	2.0
85	NUP 317 EC	117.0	153.0	108.0	3.0	3.0		98.0	120	167.0	2.5	2.5
90	NUP 318 EC	124.0	162.0	113.5	3.0	3.0		103.0	127	177.0	2.5	2.5
100	NUP 320 EC	139.0	182.0	127.5	3.0	3.0		113.0	142	202.0	2.5	2.5
110	NUP 322 EC	155.0	201.0	143.0	3.0	3.0		123.0	159	227.0	2.5	2.5
120	NUP 324 EC	168.0	219.0	154.0	3.0	3.0		133.0	171	247.0	2.5	2.5
130	NUP 326 EC	181.0	236.0	167.0	4.0	4.0		146.0	185	264.0	3.0	3.0
140	NUP 328 EC	195.0	252.0	180.0	4.0	4.0		156.0	199	284.0	3.0	3.0

