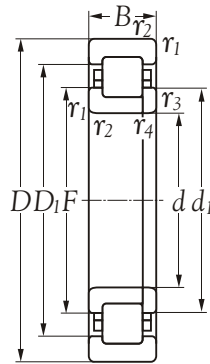


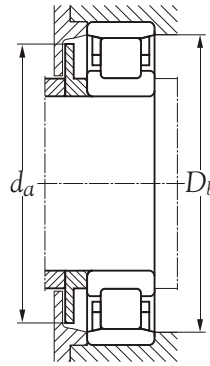


Technical Information



Inner bore $d$ mm	Bearing number	Principal dimensions		Basic load ratings		Max runout speed		Mass kg
		$D$ mm	$B$ mm	dynamic $C$ N	static $C_0$ N	grease r/min	oil r/min	
17	NUP 203 EC	40	12	13700	11400	11200	13300	0.073
20	NUP 204 EC	47	14	20000	17600	9100	11200	0.120
25	NUP 205 EC	52	15	22800	21600	7700	9800	0.140
30	NUP 206 EC	62	16	30400	29200	6600	8400	0.220
35	NUP 207 EC	72	17	38700	38400	5900	7000	0.310
40	NUP 208 EC	80	18	43100	42400	5200	6300	0.400
45	NUP 209 EC	85	19	48400	51200	4600	5600	0.450
50	NUP 210 EC	90	20	51500	55600	4400	5200	0.510
55	NUP 211 EC	100	21	67300	76000	4200	4900	0.690
60	NUP 212 EC	110	22	74800	81600	3700	4400	0.860
65	NUP 213 EC	120	23	84800	94400	3300	3900	1.100
70	NUP 214 EC	125	24	95200	109600	3100	3700	1.200
75	NUP 215 EC	130	25	104000	124800	3100	3700	1.300
80	NUP 216 EC	140	26	110400	132800	2800	3300	1.600
85	NUP 217 EC	150	28	132000	160000	2600	3100	2.000
90	NUP 218 EC	160	30	146400	176000	2500	3000	2.450
95	NUP 219 EC	170	32	176000	212000	2300	2800	3.000
100	NUP 220 EC	180	34	200800	244000	2600	2200	3.600
105	NUP 221 EC	190	36	211200	252000	2500	2100	4.200
110	NUP 222 EC	200	38	233600	292000	2300	1900	5.000
120	NUP 224 EC	215	40	272800	344000	2100	1600	6.000
130	NUP 226 EC	230	40	286400	364000	1900	1500	6.700
140	NUP 228 EC	250	42	312800	408000	1800	1400	8.650
150	NUP 230 EC	270	45	356800	480000	1600	1300	10.500
160	NUP 232 EC	290	48	400800	544000	1500	1200	15.500
170	NUP 234 EC	310	52	492800	652000	1500	1200	20.000
180	NUP 236 EC	320	52	501600	680000	1400	1200	21.000
190	NUP 238 EC	340	55	554400	554400	1300	1100	25.500
200	NUP 240 EC	360	58	612000	84800	1200	1100	27.500
220	NUP 244	400	65	612000	86400	1200	1000	39.500
240	NUP 248	440	72	761600	109600	1100	900	53.500





Inner bore <i>d</i> mm	Bearing number	Dimensions (mm)					Abutment and fillet Dimensions (mm)				
		<i>d</i> <sub>1</sub>	<i>D</i> <sub>1</sub>	<i>F</i>	<i>r</i> <sub>1,2</sub> <i>min</i>	<i>r</i> <sub>3,4</sub> <i>min</i>	<i>d</i> <sub>a</sub> <i>min</i>	<i>d</i> <sub>b</sub> <i>max</i>	<i>D</i> <sub>a</sub> <i>max</i>	<i>r</i> <sub>a</sub> <i>max</i>	<i>r</i> <sub>b</sub> <i>max</i>
17	NUP 203 EC	25.0	32.4	22.1	0.6	0.3	19.0	27	36.0	0.6	0.3
20	NUP 204 EC	29.7	38.8	26.5	1.0	0.6	24.0	31	42.0	1.0	0.6
25	NUP 205 EC	34.7	43.8	31.5	1.0	0.6	29.0	36	47.0	1.0	0.6
30	NUP 206 EC	41.2	52.5	37.5	1.0	0.6	34.0	43	57.0	1.0	0.6
35	NUP 207 EC	48.1	60.7	44.0	1.1	0.6	39.0	50	65.5	1.0	0.6
40	NUP 208 EC	54.0	67.9	49.5	1.1	1.1	46.5	56	73.5	1.0	1.0
45	NUP 209 EC	59.0	73.0	54.5	1.1	1.1	51.5	61	78.5	1.0	1.0
50	NUP 210 EC	64.0	78.0	59.5	1.1	1.1	56.5	66	83.5	1.0	1.0
55	NUP 211 EC	70.8	86.3	66.0	1.5	1.1	61.5	73	92.0	1.5	1.0
60	NUP 212 EC	77.5	95.7	72.0	1.5	1.5	68.0	80	102.0	1.5	1.5
65	NUP 213 EC	84.4	104.0	78.5	1.5	1.5	73.0	87	112.0	1.5	1.5
70	NUP 214 EC	89.4	109.0	83.5	1.5	1.5	78.0	92	117.0	1.5	1.5
75	NUP 215 EC	94.3	114.0	88.5	1.5	1.5	83.0	97	122.0	1.5	1.5
80	NUP 216 EC	101.0	123.0	95.3	2.0	2.0	89.0	104	131.0	2.0	2.0
85	NUP 217 EC	107.0	131.0	100.5	2.0	2.0	94.0	110	141.0	2.0	2.0
90	NUP 218 EC	114.0	140.0	107.0	2.0	2.0	99.0	117	151.0	2.0	2.0
95	NUP 219 EC	120.0	149.0	112.5	2.1	2.1	106.0	123	159.0	2.0	2.0
100	NUP 220 EC	127.0	157.0	119.0	2.1	2.1	111.0	130	169.0	2.0	2.0
105	NUP 221 EC	134.0	164.0	125.0	2.1	2.1	116.0	137	179.0	2.0	2.0
110	NUP 222 EC	141.0	174.0	132.5	2.1	2.1	121.0	145	189.0	2.0	2.0
120	NUP 224 EC	153.0	188.0	143.5	2.1	2.1	131.0	156	204.0	2.0	2.0
130	NUP 226 EC	164.0	202.0	153.5	3.0	3.0	143.0	167	217.0	2.5	2.5
140	NUP 228 EC	179.0	217.0	169.0	3.0	3.0	153.0	183	237.0	2.5	2.5
150	NUP 230 EC	193.0	234.0	182.0	4.0	4.0	163.0	197	257.0	2.5	2.5
160	NUP 232 EC	206.0	250.0	195.0	4.0	4.0	173.0	210	277.0	2.5	2.5
170	NUP 234 EC	220.0	269.0	207.0	4.0	4.0	186.0	224	294.0	3.0	3.0
180	NUP 236 EC	230.0	279.0	217.0	3.0	3.0	196.0	234	304.0	3.0	3.0
190	NUP 238 EC	240.0	295.0	230.0	3.0	3.0	206.0	248	324.0	3.0	3.0
200	NUP 240 EC	228.0	312.0	243.0	4.0	4.0	216.0	262	344.0	3.0	3.0
220	NUP 244	286.0	332.0	270.0	4.0	4.0	236.0	290	384.0	3.0	3.0
240	NUP 248	313.0	365.0	295.0	4.0	4.0	256.0	317	424.0	3.0	3.0