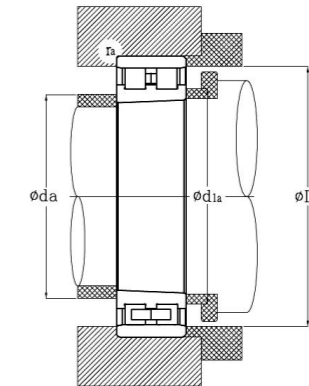


Cylindrical Roller Bearings

NN Series



Dynamic equivalent radial load
 $P_r = F_r$
 Static equivalent radial load
 $P_{or} = F_r$

d 30~130mm

Boundary Dimensions (mm)				Basic Load Ratings				Circumscribed circle diameter of roller (mm)	Bearing ^② Numbers Type
d	D	B	r ^① min	Dynamic		Static			
				C_r (KN)	C_r (Kgf)	C_{or} (KN)	C_{or} (Kgf)		
30	55	19	1.0	31.0	3150	37.0	3800	48.5	NN3006K
80	125	34	1.1	118	12000	182	18600	113	NN3016K*
90	140	37	1.5	146	14900	232	23600	127	NN3018K
100	150	37	1.5	156	15900	261	26600	137	NN3020K
110	170	45	2.0	234	23900	382	38900	155	NN3022K*
120	180	46	2.0	238	24300	400	40800	165	NN3024K*
130	200	52	2.0	291	29700	486	49500	182	NN3026K*

① Minimum allowable dimension for chamfer dimension r or r₁
 ② Bearings with * mark are not available and could be supplied on request

Limiting Speeds n_L (min ⁻¹)		Abutment and Dimensions (mm)					Space Capacity (cm ³)	Weight (kg)
Grease	Oil	d _a min	d _{1a} min	D _a		r _a max	Open (Approx)	Open (Approx)
				(Max)	(Min)			
16300	19800	35	36	50	50	1.0	6.3	0.19
6800	8300	86.5	87	118.5	115	1.0	45	1.47
6000	7300	98	99	132	129	1.5	64.1	2.01
5600	6700	108	109	142	139	1.5	67.5	2.19
5000	6000	119	121	161	157	2.0	115	3.56
4600	5600	129	131	171	167	2.0	130	3.83
4200	5100	139	141	191	185	2.0	182	5.71