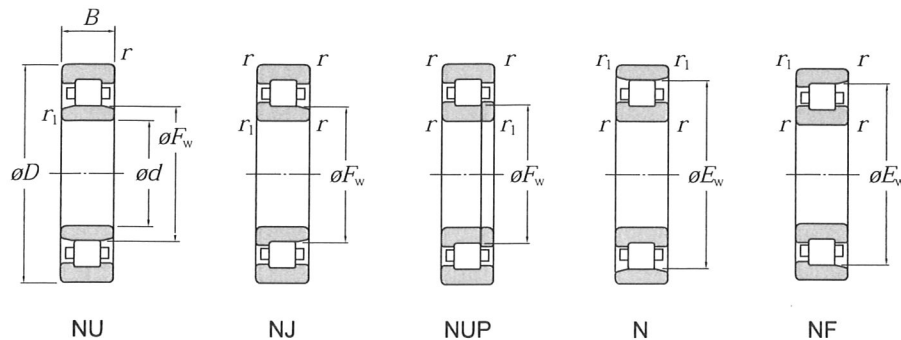


Cylindrical roller bearings

d 85 – (120) mm



	Boundary dimensions (mm)						Basic load ratings (kN)		Limiting speeds (min ⁻¹)		Bearing No.					(Refer.) Mass NU (kg)
	d	D	B	r min.	r ₁ min.	F _w	E _w	C _r	C _{0r}	Grease lub.	Oil lub.	NU	NJ	NUP	N	NF
85	130	22	1.1	1	96.5	–	71.4	91.2	5 100	6 000	NU1017	–	–	–	–	1.04
	150	28	2	2	101.8	133.8	121	140	4 200	5 000	NU217	NJ	NUP	N	NF	1.90
	150	36	2	2	101.8	–	169	218	3 800	5 000	NU2217	NJ	NUP	–	–	2.50
	180	41	3	3	108	156	225	247	3 300	4 500	NU317	NJ	NUP	N	NF	4.52
	180	60	3	3	108	–	315	382	3 000	4 500	NU2317	NJ	NUP	–	–	6.62
	210	52	4	4	113	177	340	350	3 000	4 000	NU417	NJ	NUP	N	NF	8.68
90	160	30	2	2	107	143	152	178	3 900	4 700	NU218	NJ	NUP	N	NF	2.28
	160	40	2	2	107	–	207	265	3 500	4 700	NU2218	NJ	NUP	–	–	3.10
	190	43	3	3	115	165	243	265	3 100	4 200	NU318	NJ	NUP	N	NF	5.38
	190	64	3	3	115	–	329	395	2 800	4 200	NU2318	NJ	NUP	–	–	7.90
	225	54	4	4	123.5	191.5	374	400	2 800	3 700	NU418	NJ	NUP	N	NF	10.3
95	170	32	2.1	2.1	113.5	151.5	165	195	3 700	4 400	NU219	NJ	NUP	N	NF	2.80
	170	43	2.1	2.1	113.5	–	230	298	3 300	4 400	NU2219	NJ	NUP	–	–	3.85
	200	45	3	3	121.5	173.5	277	311	3 000	4 000	NU319	NJ	NUP	N	NF	6.20
	200	67	3	3	121.5	–	394	496	2 600	4 000	NU2319	NJ	NUP	–	–	9.39
	240	55	4	4	133.5	–	410	444	2 600	3 400	NU419	NJ	–	–	–	13.6
100	180	34	2.1	2.1	120	160	183	217	3 500	4 200	NU220	NJ	NUP	N	NF	3.38
	180	46	2.1	2.1	120	–	259	338	3 100	4 200	NU2220	NJ	NUP	–	–	4.67
	215	47	3	3	129.5	185.5	323	337	2 800	3 700	NU320	NJ	NUP	N	NF	7.70
	215	73	3	3	129.5	–	464	548	2 500	3 700	NU2320	NJ	NUP	–	–	11.9
	250	58	4	4	139	–	458	498	2 500	3 300	NU420	NJ	–	–	–	14.0
105	190	36	2.1	2.1	126.8	168.8	201	241	3 300	3 900	NU221	NJ	NUP	N	NF	4.00
	225	49	3	3	135	195	366	417	2 600	3 500	NU321	NJ	NUP	N	NF	8.76
110	200	38	2.1	2.1	132.5	178.5	241	290	3 100	3 700	NU222	NJ	NUP	N	NF	4.65
	200	53	2.1	2.1	132.5	–	334	442	2 800	3 700	NU2222	NJ	NUP	–	–	6.93
	240	50	3	3	143	207	411	467	2 500	3 300	NU322	NJ	NUP	N	NF	10.4
	240	80	3	3	143	–	604	789	2 200	3 300	NU2322	NJ	–	–	–	18.8
	280	65	4	4	155	–	550	621	2 200	2 900	NU422	NJ	–	–	–	19.9
120	215	40	2.1	2.1	143.5	191.5	260	318	2 900	3 400	NU224	NJ	NUP	N	NF	5.65
	215	58	2.1	2.1	143.5	–	367	492	2 600	3 400	NU2224	NJ	NUP	–	–	8.56

Remarks) Standard cage types used for the above bearings are shown in Table 1 earlier in this section. Please note that basic load ratings and rotation speed limits shown above indicate the value applicable to machined cage. When bearings with pressed cage are used, consult Koyo.