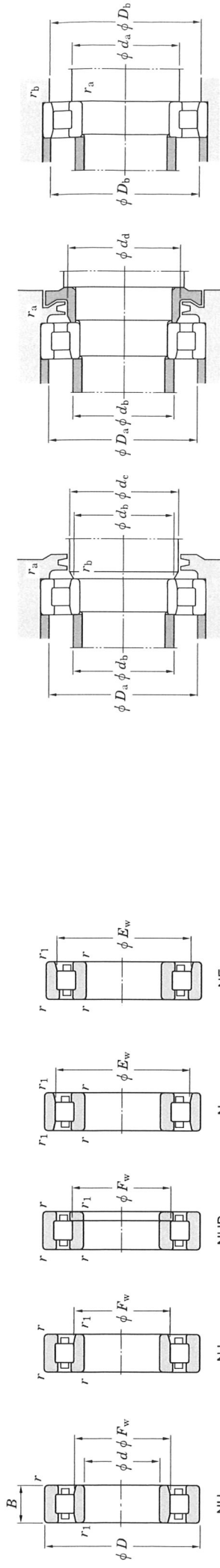


# Single-row cylindrical roller bearings

$d$  (55) ~ (65) mm



d	Boundary dimensions (mm)				Basic load ratings (kN)			Fatigue load limit (kN)		Limiting speeds (min <sup>-1</sup> )		Bearing No.				Mounting dimensions (mm)						Mass (Refer.)								
	D	B	r <sub>1</sub> min.	r <sub>1</sub> max.	C <sub>r</sub>	C <sub>0r</sub>	C <sub>u</sub>	C <sub>a</sub>	Grease lub.	Oil lub.	NU	NJ	NUP	N	NF	N	NJ	NF	NF	d <sub>a</sub> min.	d <sub>b</sub> min.	d <sub>c</sub> min.	d <sub>d</sub> min.	D <sub>a</sub> max.	D <sub>b</sub> max.	r <sub>a</sub> max.	r <sub>b</sub> max.	NU (N)	NU (kg)	
55	100	25	1.5	1.1	127	122	16.9	16.1	5 800	7 700	NU2211R	NJ2211R	NUP2211R	—	—	—	—	—	—	63	61.5	68	73	92	—	—	1.5	1	0.806	
	100	33.3	1.5	1.5	119	118	16.1	15.8	5 100	7 700	NU3211	—	—	—	—	—	—	—	—	63	63	68	—	92	—	1.5	1	1.14		
	120	29	2	2	138	111	15.8	15.8	5 100	6 800	—	—	—	N311	NF311	—	—	—	—	64	—	—	80	111	111	107	2	2	(1.44)	
	120	29	2	2	172	143	19.8	18.5	5 100	6 700	NU311R	NJ311R	NUP311R	—	—	—	—	—	—	64	64	72	80	111	—	2	2	1.50		
	120	43	2	2	185	162	24.6	23.3	4 500	6 800	NU2311	NJ2311	NUP2311	—	—	—	—	—	—	64	64	72	80	111	—	2	2	2.10		
	120	43	2	2	251	233	35.3	32.8	4 500	6 700	NU2311R	NJ2311R	NUP2311R	—	—	—	—	—	—	64	64	72	80	111	—	2	2	2.25		
	120	49.2	2	2	235	220	32.8	19.6	4 500	6 800	NU3311	—	—	—	—	—	—	—	—	64	64	72	—	111	—	2	2	2.81		
	140	33	2.1	2.1	174	138	19.6	19.6	4 600	6 100	NU411	NJ411	NUP411	—	—	—	—	—	—	66	66	79	87	129	129	119	2	2	2.51	
	60	95	18	1.1	1	53.0	50.0	6.75	10.4	7 000	8 300	NU1012	—	—	—	—	—	—	—	—	66.5	65	71	—	88.5	—	1	1	0.477	
		110	22	1.5	1.5	85.7	79.9	10.4	15.7	5 800	7 000	—	—	—	N212	NF212	—	—	—	—	68	—	—	80	102	102	1.5	1.5	(0.823)	
110		22	1.5	1.5	122	107	15.7	15.3	5 800	6 900	NU212R	NJ212R	NUP212R	—	—	—	—	—	—	68	68	71	75	80	102	—	1.5	1.5	0.830	
110		28	1.5	1.5	120	123	15.3	16.4	5 200	7 000	NU2212	NJ2212	NUP2212	—	—	—	—	—	—	68	68	71	75	80	102	—	1.5	1.5	1.07	
110		28	1.5	1.5	164	157	21.7	24.7	5 200	6 900	NU2212R	NJ2212R	NUP2212R	—	—	—	—	—	—	68	68	71	75	80	102	—	1.5	1.5	1.09	
110		36.5	1.5	1.5	160	167	24.7	17.3	4 700	7 000	NU3212	—	—	—	—	—	—	—	—	68	68	71	75	102	—	1.5	1.5	1.52		
130		31	2.1	2.1	155	126	17.3	22.1	4 700	6 300	—	—	—	N312	NF312	—	—	—	—	71	—	—	86	119	119	2	2	(1.83)		
130		31	2.1	2.1	187	157	22.1	29.4	4 600	6 200	NU312R	NJ312R	NUP312R	—	—	—	—	—	—	71	71	75	79	86	119	—	2	2	1.87	
130		46	2.1	2.1	211	188	29.4	39.6	4 200	6 300	NU2312	NJ2312	NUP2312	—	—	—	—	—	—	71	71	75	79	86	119	—	2	2	2.69	
130		46	2.1	2.1	278	262	39.6	39.9	4 100	6 200	NU2312R	NJ2312R	NUP2312R	—	—	—	—	—	—	71	71	75	79	86	119	—	2	2	2.81	
150	35	2.1	2.1	209	184	26.1	26.1	4 200	6 300	NU3312	—	—	—	—	—	—	—	—	71	71	75	79	119	—	2	2	3.61			
65	100	18	1.1	1	54.4	52.9	7.15	13.5	6 600	7 800	NU1013	—	—	—	—	—	—	—	—	71.5	70	73	76	93.5	—	1	1	0.506		
	120	23	1.5	1.5	105	94.4	13.5	16.1	5 400	6 400	—	—	—	N213	NF213	—	—	—	—	73	—	—	87	112	112	1.5	1.5	(1.05)		
	120	23	1.5	1.5	134	119	16.1	20.6	5 300	6 400	NU213R	NJ213R	NUP213R	—	—	—	—	—	—	73	73	77	81	112	—	1.5	1.5	1.05		
	120	31	1.5	1.5	150	149	20.6	27.7	4 800	6 400	NU2213	NJ2213	NUP2213	—	—	—	—	—	—	73	73	77	81	112	—	1.5	1.5	1.43		
	120	31	1.5	1.5	186	181	27.7	29.7	4 800	6 400	NU2213R	NJ2213R	NUP2213R	—	—	—	—	—	—	73	73	77	81	112	—	1.5	1.5	1.45		
	120	38.1	1.5	1.5	186	197	29.7	19.2	4 300	6 400	NU3213	—	—	—	—	—	—	—	—	73	73	77	81	112	—	1.5	1.5	1.90		
	140	33	2.1	2.1	169	139	19.2	19.2	4 300	5 800	—	—	—	N313	NF313	—	—	—	—	76	—	—	93	129	129	2	2	(2.19)		

[Remarks] 1) Standard cage types used for the above bearings are shown in Table 1 earlier in this section. Please note that basic load ratings and limiting speeds shown above indicate the value applicable to machined cage. Consult JTEKT about bearings with pressed cage, since they may be different from bearings with machined cage in values above.

2) Bearing numbers of NU and NJ type bearings with mounted thrust collar (refer to specification table shown after this specification table) are NUJ and NH.