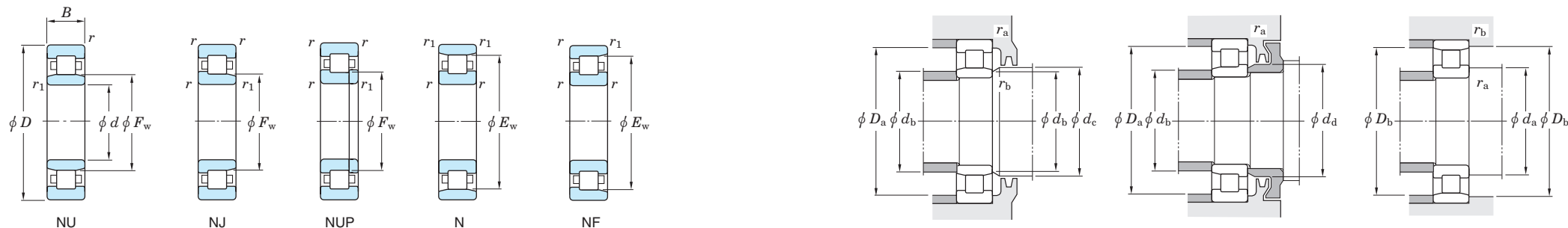


Single-row cylindrical roller bearings

$d$  20 ~ (30) mm



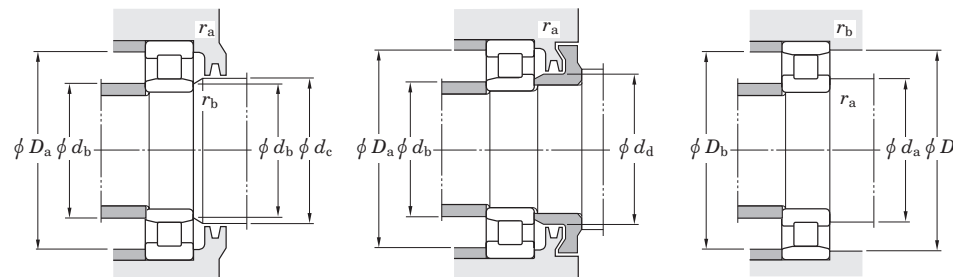
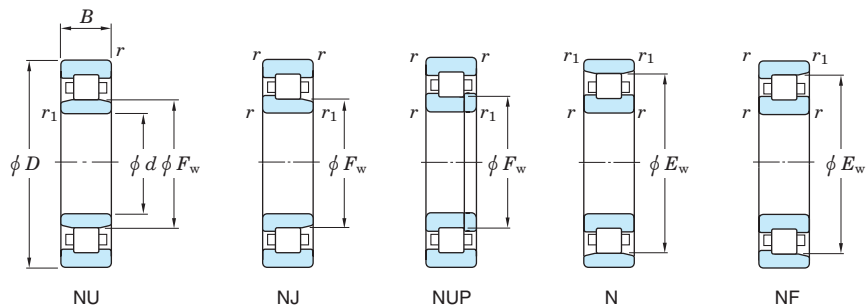
Boundary dimensions (mm)							Basic load ratings (kN)		Limiting speeds (min <sup>-1</sup> )		Bearing No.					Mounting dimensions (mm)								Mass NU (N) (kg)		
$d$	$D$	$B$	$r$ min.	$r_1$ min.	$F_w$	$E_w$	$C_r$	$C_{0r}$	Grease lub.	Oil lub.	NU	NJ	NUP	N	NF	$d_a$ min.	$d_b$ min.	$d_b$ max.	$d_c$ min.	$d_a$ min.	$D_a$ max.	$D_b$ max.	$r_a$ min.		$r_b$ max.	$r_a$ max.
20	47	14	1	0.6	—	40	15.4	12.7	15 000	18 000	—	—	—	N204	NF204	25	—	—	—	32	42	43	42	1	0.6	(0.108)
	47	14	1	0.6	26.5	—	25.7	22.6	15 000	18 000	NU204R	NJ204R	NUP204R	—	—	25	24	26	29	32	42	—	—	1	0.6	0.112
	47	18	1	0.6	27	—	20.7	18.4	13 000	18 000	NU2204	NJ2204	NUP2204	—	—	25	24	26	29	32	42	—	—	1	0.6	0.146
	47	18	1	0.6	26.5	—	30.6	28.3	13 000	18 000	NU2204R	NJ2204R	NUP2204R	—	—	25	24	26	29	32	42	—	—	1	0.6	0.146
	52	15	1.1	0.6	—	44.5	23.1	19.2	12 000	16 000	—	—	—	N304	NF304	26.5	—	—	—	33	45.5	48	45.5	1	0.6	(0.147)
	52	15	1.1	0.6	27.5	—	31.5	26.9	12 000	16 000	NU304R	NJ304R	NUP304R	—	—	26.5	24	27	30	33	45.5	—	—	1	0.6	0.153
	52	21	1.1	0.6	28.5	—	32.9	30.2	11 000	16 000	NU2304	NJ2304	NUP2304	—	—	26.5	24	27	30	33	45.5	—	—	1	0.6	0.212
	52	21	1.1	0.6	27.5	—	42.0	38.8	11 000	16 000	NU2304R	NJ2304R	NUP2304R	—	—	26.5	24	27	30	33	45.5	—	—	1	1	0.215
25	47	12	0.6	0.3	30.5	—	14.3	13.1	15 000	18 000	NU1005	—	NUP1005	—	—	29	27	30	32	—	43	—	—	0.6	0.3	0.084
	52	15	1	0.6	—	45	17.7	15.7	13 000	16 000	—	—	—	N205	NF205	30	—	—	—	37	47	48	47	1	0.6	(0.132)
	52	15	1	0.6	31.5	—	29.3	27.7	13 000	15 000	NU205R	NJ205R	NUP205R	—	—	30	29	31	34	37	47	—	—	1	0.6	0.138
	52	18	1	0.6	32	—	23.7	22.8	12 000	16 000	NU2205	NJ2205	NUP2205	—	—	30	29	31	34	37	47	—	—	1	0.6	0.163
	52	18	1	0.6	31.5	—	34.9	34.6	12 000	15 000	NU2205R	NJ2205R	NUP2205R	—	—	30	29	31	34	37	47	—	—	1	0.6	0.166
	62	17	1.1	1.1	—	53	29.3	25.2	10 000	14 000	—	—	—	N305	NF305	31.5	—	—	—	40	55.5	55.5	55	1	1	(0.235)
	62	17	1.1	1.1	34	—	41.6	37.4	10 000	14 000	NU305R	NJ305R	NUP305R	—	—	31.5	31.5	33	37	40	55.5	—	—	1	1	0.243
	62	24	1.1	1.1	35	—	42.7	40.9	9 100	14 000	NU2305	NJ2305	NUP2305	—	—	31.5	31.5	33	37	40	55.5	—	—	1	1	0.340
62	24	1.1	1.1	34	—	57.0	56.1	9 100	14 000	NU2305R	NJ2305R	NUP2305R	—	—	31.5	31.5	33	37	40	55.5	—	—	1	1	0.350	
30	55	13	1	0.6	36.5	—	18.7	18.4	13 000	15 000	NU1006	—	NUP1006	—	—	35	34	35	38	—	50	—	—	1	0.6	0.121
	62	16	1	0.6	—	53.5	23.5	21.5	11 000	13 000	—	—	—	N206	NF206	35	—	—	—	44	57	58	56	1	0.6	(0.206)
	62	16	1	0.6	37.5	—	39.1	37.4	11 000	13 000	NU206R	NJ206R	NUP206R	—	—	35	34	37	40	44	57	—	—	1	0.6	0.209
	62	20	1	0.6	38.5	—	32.9	33.1	9 800	13 000	NU2206	NJ2206	NUP2206	—	—	35	34	37	40	44	57	—	—	1	0.6	0.262
	62	20	1	0.6	37.5	—	48.9	49.8	9 700	13 000	NU2206R	NJ2206R	NUP2206R	—	—	35	34	37	40	44	57	—	—	1	0.6	0.262
	62	23.8	1	1	38.5	—	42.7	46.4	8 700	13 000	NU3206	—	—	—	—	35	35	37	40	—	57	—	—	1	0.6	0.343
	72	19	1.1	1.1	—	62	38.6	35.2	8 700	12 000	—	—	—	N306	NF306	36.5	—	—	—	48	65.5	65.5	64	1	1	(0.353)
	72	19	1.1	1.1	40.5	—	53.1	50.2	8 700	12 000	NU306R	NJ306R	NUP306R	—	—	36.5	36.5	40	44	48	65.5	—	—	1	1	0.361
72	27	1.1	1.1	42	—	51.4	50.8	7 700	12 000	NU2306	NJ2306	NUP2306	—	—	36.5	36.5	40	44	48	65.5	—	—	1	1	0.500	
72	27	1.1	1.1	40.5	—	74.6	77.6	7 800	12 000	NU2306R	NJ2306R	NUP2306R	—	—	36.5	36.5	40	44	48	65.5	—	—	1	1	0.534	

[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.

# Single-row cylindrical roller bearings

*d* (30) ~ (45) mm



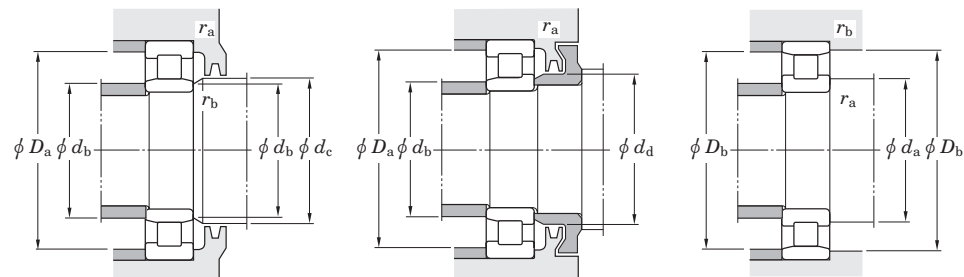
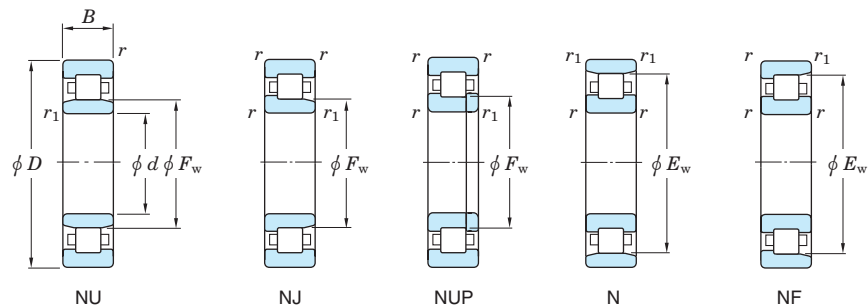
Boundary dimensions (mm)							Basic load ratings (kN)		Limiting speeds (min <sup>-1</sup> )		Bearing No.					Mounting dimensions (mm)								[Refer.] Mass NU (N) (kg)		
<i>d</i>	<i>D</i>	<i>B</i>	<i>r</i> min.	<i>r</i> 1 min.	<i>F</i> <sub>w</sub>	<i>E</i> <sub>w</sub>	<i>C</i> <sub>r</sub>	<i>C</i> <sub>0r</sub>	Grease lub.	Oil lub.	NU	NJ	NUP	N	NF	<i>d</i> <sub>a</sub> min.	<i>d</i> <sub>b</sub> min.	<i>d</i> <sub>b</sub> max.	<i>d</i> <sub>c</sub> min.	<i>d</i> <sub>a</sub> min.	<i>D</i> <sub>a</sub> max.	<i>D</i> <sub>b</sub> max.	<i>r</i> <sub>a</sub> min.		<i>r</i> <sub>b</sub> max.	
<b>30</b>	72	30.2	1.1	1.1	42	—	69.1	74.3	7 700	12 000	<b>NU3306</b>	—	—	—	—	36.5	36.5	40	44	—	65.5	—	—	1	1	0.650
	90	23	1.5	1.5	45	73	62.8	55.0	7 600	10 000	<b>NU406</b>	<b>NJ406</b>	<b>NUP406</b>	<b>N406</b>	<b>NF406</b>	38	38	44	47	52	82	82	74	1.5	1.5	0.753
<b>35</b>	62	14	1	0.6	42	—	22.6	23.2	11 000	13 000	<b>NU1007</b>	—	<b>NUP1007</b>	—	—	40	39	41	44	—	57	—	—	1	0.5	0.182
	72	17	1.1	0.6	—	61.8	33.6	31.5	9 500	11 000	—	—	—	<b>N207</b>	<b>NF207</b>	41.5	—	—	—	50	65.5	68	64	1	0.6	(0.293)
	72	17	1.1	0.6	44	—	50.2	50.2	9 300	11 000	<b>NU207R</b>	<b>NJ207R</b>	<b>NUP207R</b>	—	—	41.5	39	43	46	50	65.5	—	—	1	0.6	0.306
	72	23	1.1	0.6	43.8	—	49.0	51.2	8 500	11 000	<b>NU2207</b>	<b>NJ2207</b>	<b>NUP2207</b>	—	—	41.5	39	43	46	50	65.5	—	—	1	0.6	0.402
	72	23	1.1	0.6	44	—	61.6	65.3	8 300	11 000	<b>NU2207R</b>	<b>NJ2207R</b>	<b>NUP2207R</b>	—	—	41.5	39	43	46	50	65.5	—	—	1	0.6	0.404
	72	27	1.1	1.1	43.8	—	54.8	59.1	7 600	11 000	<b>NU3207</b>	—	—	—	—	41.5	41.5	43	46	—	65.5	—	—	1	0.6	0.524
	80	21	1.5	1.1	—	68.2	49.6	46.9	7 900	10 000	—	—	—	<b>N307</b>	<b>NF307</b>	43	—	—	—	53	72	73.5	71	1.5	1	(0.477)
	80	21	1.5	1.1	46.2	—	66.6	65.4	7 700	10 000	<b>NU307R</b>	<b>NJ307R</b>	<b>NUP307R</b>	—	—	43	41.5	45	48	53	72	—	—	1.5	1	0.482
	80	31	1.5	1.1	46.2	—	64.4	65.7	7 000	10 000	<b>NU2307</b>	<b>NJ2307</b>	<b>NUP2307</b>	—	—	43	41.5	45	48	53	72	—	—	1.5	1	0.696
	80	31	1.5	1.1	46.2	—	93.1	101	6 900	10 000	<b>NU2307R</b>	<b>NJ2307R</b>	<b>NUP2307R</b>	—	—	43	41.5	45	48	53	72	—	—	1.5	1	0.729
	80	34.9	1.5	1.5	46.2	—	81.7	89.1	7 000	10 000	<b>NU3307</b>	—	—	—	—	43	43	45	48	—	72	—	—	1.5	1	0.908
	100	25	1.5	1.5	53	83	75.2	68.9	6 600	8 800	<b>NU407</b>	<b>NJ407</b>	<b>NUP407</b>	<b>N407</b>	<b>NF407</b>	43	43	52	55	61	92	92	84	1.5	1.5	1.02
<b>40</b>	68	15	1	0.6	47	—	24.9	25.7	10 000	12 000	<b>NU1008</b>	—	<b>NUP1008</b>	—	—	45	44	46	49	—	63	—	—	1	0.6	0.223
	80	18	1.1	1.1	—	70	43.8	42.9	8 300	10 000	—	—	—	<b>N208</b>	<b>NF208</b>	46.5	—	—	—	56	73.5	73.5	72	1	1	(0.374)
	80	18	1.1	1.1	49.5	—	55.7	55.4	8 300	9 900	<b>NU208R</b>	<b>NJ208R</b>	<b>NUP208R</b>	—	—	46.5	46.5	49	52	56	73.5	—	—	1	1	0.384
	80	23	1.1	1.1	50	—	58.3	62.0	7 500	10 000	<b>NU2208</b>	<b>NJ2208</b>	<b>NUP2208</b>	—	—	46.5	46.5	49	52	56	73.5	—	—	1	1	0.490
	80	23	1.1	1.1	49.5	—	72.3	77.6	7 400	9 900	<b>NU2208R</b>	<b>NJ2208R</b>	<b>NUP2208R</b>	—	—	46.5	46.5	49	52	56	73.5	—	—	1	1	0.490
	80	30.2	1.1	1.1	50	—	78.3	90.6	6 700	10 000	<b>NU3208</b>	—	—	—	—	46.5	46.5	49	52	—	73.5	—	—	1	1	0.711
	90	23	1.5	1.5	—	77.5	58.6	56.9	6 900	9 100	—	—	—	<b>N308</b>	<b>NF308</b>	48	—	—	—	60	82	82	80	1.5	1.5	(0.646)
	90	23	1.5	1.5	52	—	83.1	81.5	6 800	9 100	<b>NU308R</b>	<b>NJ308R</b>	<b>NUP308R</b>	—	—	48	48	51	55	60	82	—	—	1.5	1.5	0.664
	90	33	1.5	1.5	53.5	—	82.2	88.0	6 100	9 100	<b>NU2308</b>	<b>NJ2308</b>	<b>NUP2308</b>	—	—	48	48	51	55	60	82	—	—	1.5	1.5	0.956
	90	33	1.5	1.5	52	—	114	122	6 100	9 100	<b>NU2308R</b>	<b>NJ2308R</b>	<b>NUP2308R</b>	—	—	48	48	51	55	60	82	—	—	1.5	1.5	0.962
	90	36.5	1.5	1.5	53.5	—	104	119	6 100	9 100	<b>NU3308</b>	—	—	—	—	48	48	51	55	—	82	—	—	1.5	1.5	1.19
	110	27	2	2	58	92	97.1	89.1	6 000	8 000	<b>NU408</b>	<b>NJ408</b>	<b>NUP408</b>	<b>N408</b>	<b>NF408</b>	49	49	57	60	67	101	101	93	2	2	1.30
<b>45</b>	75	16	1	0.6	52.5	—	31.0	33.8	9 200	11 000	<b>NU1009</b>	—	<b>NUP1009</b>	—	—	50	49	52	54	—	70	—	—	1	0.6	0.289

[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.

Single-row cylindrical roller bearings

$d$  (45) ~ (55) mm



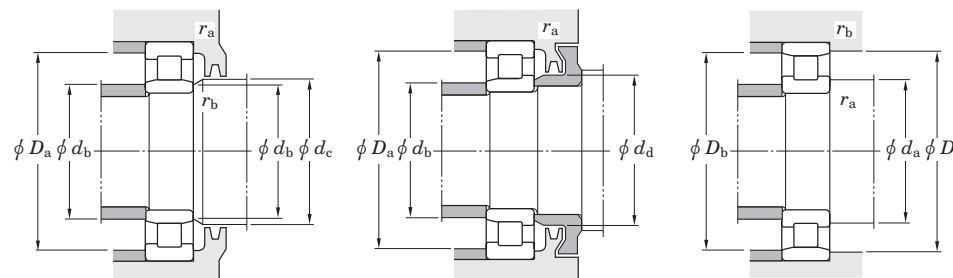
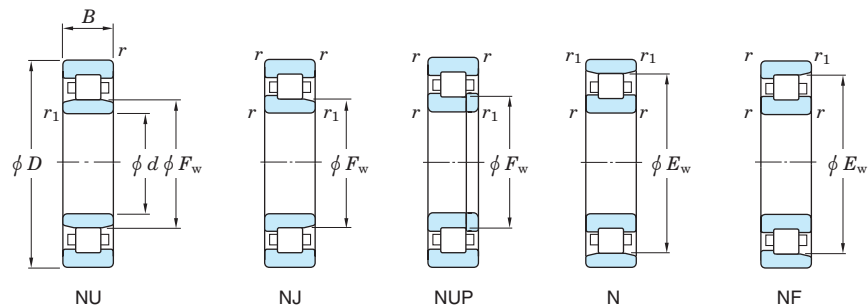
Boundary dimensions (mm)							Basic load ratings (kN)		Limiting speeds (min <sup>-1</sup> )		Bearing No.					Mounting dimensions (mm)								Refer.) Mass NU (N) (kg)		
$d$	$D$	$B$	$r$ min.	$r_1$ min.	$F_w$	$E_w$	$C_r$	$C_{0r}$	Grease lub.	Oil lub.	NU	NJ	NUP	N	NF	$d_a$ min.	$d_b$ min.	$d_b$ max.	$d_c$ min.	$d_a$ min.	$D_a$ max.	$D_b$ max.	$D_b$ min.		$r_a$ max.	$r_b$ max.
45	85	19	1.1	1.1	—	75	46.1	46.9	7 700	9 200	—	—	—	N209	NF209	51.5	—	—	—	61	78.5	78.5	77	1	1	(0.427)
	85	19	1.1	1.1	54.5	—	63.1	66.4	7 600	9 200	NU209R	NJ209R	NUP209R	—	—	51.5	51.5	54	57	61	78.5	—	—	1	1	0.439
	85	23	1.1	1.1	55	—	61.4	67.8	6 900	9 200	NU2209	NJ2209	NUP2209	—	—	51.5	51.5	54	57	61	78.5	—	—	1	1	0.536
	85	23	1.1	1.1	54.5	—	76.1	84.6	6 900	9 200	NU2209R	NJ2209R	NUP2209R	—	—	51.5	51.5	54	57	61	78.5	—	—	1	1	0.536
	85	30.2	1.1	1.1	55	—	82.4	99.0	6 100	9 200	NU3209	—	—	—	—	51.5	51.5	54	57	—	78.5	—	—	1	1	0.770
	100	25	1.5	1.5	—	86.5	78.8	77.5	6 200	8 300	—	—	—	N309	NF309	53	—	—	—	66	92	92	89	1.5	1.5	(0.865)
	100	25	1.5	1.5	58.5	—	97.4	98.3	6 100	8 200	NU309R	NJ309R	NUP309R	—	—	53	53	57	60	66	92	—	—	1.5	1.5	0.909
	100	36	1.5	1.5	58.5	—	106	113	5 500	8 300	NU2309	NJ2309	NUP2309	—	—	53	53	57	60	66	92	—	—	1.5	1.5	1.25
	100	36	1.5	1.5	58.5	—	137	153	5 400	8 200	NU2309R	NJ2309R	NUP2309R	—	—	53	53	57	60	66	92	—	—	1.5	1.5	1.32
	100	39.7	1.5	1.5	58.5	—	131	149	5 500	8 300	NU3309	—	—	—	—	53	53	57	60	—	92	—	—	1.5	1.5	1.59
120	29	2	2	64.5	100.5	115	112	5 400	7 200	NU409	NJ409	NUP409	N409	NF409	54	54	63	66	74	111	111	102	2	2	1.64	
50	80	16	1	0.6	57.5	—	33.6	36.8	8 400	9 900	NU1010	—	NUP1010	—	—	55	54	57	59	—	75	—	—	1	0.6	0.306
	90	20	1.1	1.1	—	80.4	48.2	51.0	7 100	8 500	—	—	—	N210	NF210	56.5	—	—	—	67	83.5	83.5	82	1	1	(0.479)
	90	20	1.1	1.1	59.5	—	66.1	71.9	7 100	8 500	NU210R	NJ210R	NUP210R	—	—	56.5	56.5	58	62	67	83.5	—	—	1	1	0.497
	90	23	1.1	1.1	60.4	—	64.2	73.6	6 400	8 500	NU2210	NJ2210	NUP2210	—	—	56.5	56.5	58	62	67	83.5	—	—	1	1	0.580
	90	23	1.1	1.1	59.5	—	79.7	91.5	6 400	8 500	NU2210R	NJ2210R	NUP2210R	—	—	56.5	56.5	58	62	67	83.5	—	—	1	1	0.580
	90	30.2	1.1	1.1	60.4	—	86.2	108	5 700	8 500	NU3210	—	—	—	—	56.5	56.5	58	62	—	83.5	—	—	1	1	0.829
	110	27	2	2	—	95	92.2	93.4	5 600	7 500	—	—	—	N310	NF310	59	—	—	—	73	101	101	98	2	2	(1.15)
	110	27	2	2	65	—	110	113	5 500	7 400	NU310R	NJ310R	NUP310R	—	—	59	59	63	67	73	101	—	—	2	2	1.15
	110	40	2	2	65	—	128	142	5 000	7 500	NU2310	NJ2310	NUP2310	—	—	59	59	63	67	73	101	—	—	2	2	1.69
	110	40	2	2	65	—	163	187	4 900	7 400	NU2310R	NJ2310R	NUP2310R	—	—	59	59	63	67	73	101	—	—	2	2	1.76
110	44.4	2	2	65	—	156	183	5 000	7 500	NU3310	—	—	—	—	59	59	63	67	—	101	—	—	2	2	2.14	
130	31	2.1	2.1	70.8	110.8	139	136	4 900	6 600	NU410	NJ410	NUP410	N410	NF410	61	61	69	73	81	119	119	112	2	2	2.01	
55	90	18	1.1	1	64.5	—	37.4	43.8	7 600	8 900	NU1011	—	NUP1011	—	—	61.5	60	63	66	—	83.5	—	—	1	1	0.445
	100	21	1.5	1.1	—	88.5	58.0	62.3	6 400	7 700	—	—	—	N211	NF211	63	—	—	—	73	92	93.5	91	1.5	1	(0.633)
	100	21	1.5	1.1	66	—	86.4	98.7	6 400	7 700	NU211R	NJ211R	NUP211R	—	—	63	61.5	65	68	73	92	—	—	1.5	1	0.650
	100	25	1.5	1.1	66.5	—	75.3	87.2	5 800	7 700	NU2211	NJ2211	NUP2211	—	—	63	61.5	65	68	73	92	—	—	1.5	1	0.780

[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.

Single-row cylindrical roller bearings

d (55) ~ (65) mm



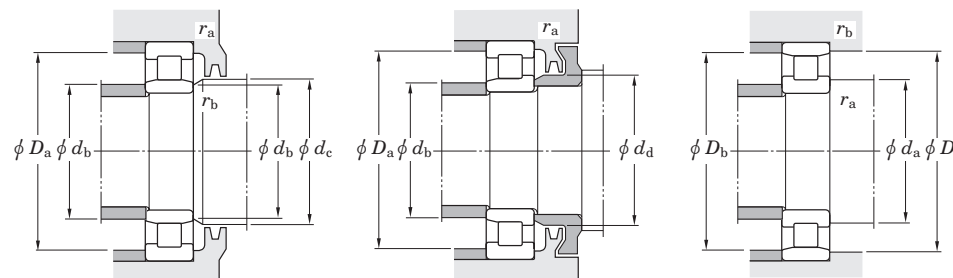
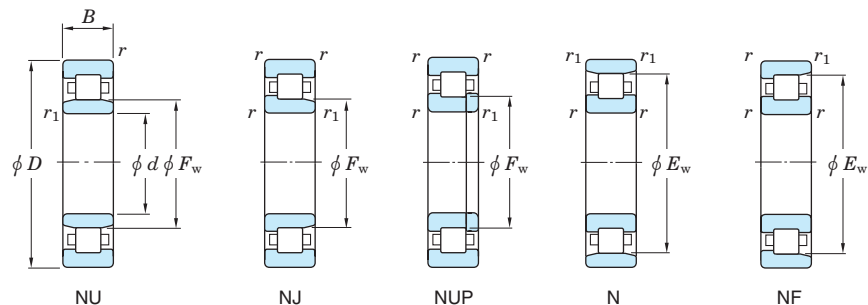
Boundary dimensions (mm)			Basic load ratings (kN)		Limiting speeds (min <sup>-1</sup> )		Bearing No.					Mounting dimensions (mm)								(Refer.) Mass NU (N) (kg)						
d	D	B	r min.	r1 min.	F <sub>w</sub>	E <sub>w</sub>	C <sub>r</sub>	C <sub>0r</sub>	Grease lub.	Oil lub.	NU	NJ	NUP	N	NF	d <sub>a</sub> min.	d <sub>b</sub> min.	d <sub>b</sub> max.	d <sub>c</sub> min.		d <sub>a</sub> min.	D <sub>a</sub> max.	D <sub>b</sub> max.	r <sub>a</sub> min.	r <sub>b</sub> max.	
55	100	25	1.5	1.1	66	—	101	122	5 800	7 700	<b>NU2211R</b>	<b>NJ2211R</b>	<b>NUP2211R</b>	—	—	63	61.5	65	68	73	92	—	—	1.5	1	0.806
	100	33.3	1.5	1.5	66.5	—	95.5	118	5 100	7 700	<b>NU3211</b>	—	—	—	—	63	63	65	68	—	92	—	—	1.5	1	1.14
	120	29	2	2	—	104.5	111	111	5 100	6 800	—	—	—	<b>N311</b>	<b>NF311</b>	64	—	—	—	80	111	111	107	2	2	(1.44)
	120	29	2	2	70.5	—	137	143	5 100	6 700	<b>NU311R</b>	<b>NJ311R</b>	<b>NUP311R</b>	—	—	64	64	69	72	80	111	—	—	2	2	1.50
	120	43	2	2	70.5	—	148	162	4 500	6 800	<b>NU2311</b>	<b>NJ2311</b>	<b>NUP2311</b>	—	—	64	64	69	72	80	111	—	—	2	2	2.10
	120	43	2	2	70.5	—	201	233	4 500	6 700	<b>NU2311R</b>	<b>NJ2311R</b>	<b>NUP2311R</b>	—	—	64	64	69	72	80	111	—	—	2	2	2.25
	120	49.2	2	2	70.5	—	188	220	4 500	6 800	<b>NU3311</b>	—	—	—	—	64	64	69	72	—	111	—	—	2	2	2.81
	140	33	2.1	2.1	77.2	117.2	142	138	4 600	6 100	<b>NU411</b>	<b>NJ411</b>	<b>NUP411</b>	<b>N411</b>	<b>NF411</b>	66	66	76	79	87	129	129	119	2	2	2.51
60	95	18	1.1	1	69.5	—	42.1	50.0	7 000	8 300	<b>NU1012</b>	—	<b>NUP1012</b>	—	—	66.5	65	68	71	—	88.5	—	—	1	1	0.477
	110	22	1.5	1.5	—	97.5	71.9	79.9	5 800	7 000	—	—	—	<b>N212</b>	<b>NF212</b>	68	—	—	—	80	102	102	100	1.5	1.5	(0.823)
	110	22	1.5	1.5	72	—	97.7	107	5 800	6 900	<b>NU212R</b>	<b>NJ212R</b>	<b>NUP212R</b>	—	—	68	68	71	75	80	102	—	—	1.5	1.5	0.830
	110	28	1.5	1.5	73.5	—	101	123	5 200	7 000	<b>NU2212</b>	<b>NJ2212</b>	<b>NUP2212</b>	—	—	68	68	71	75	80	102	—	—	1.5	1.5	1.07
	110	28	1.5	1.5	72	—	131	157	5 200	6 900	<b>NU2212R</b>	<b>NJ2212R</b>	<b>NUP2212R</b>	—	—	68	68	71	75	80	102	—	—	1.5	1.5	1.09
	110	36.5	1.5	1.5	73.5	—	128	167	4 700	7 000	<b>NU3212</b>	—	—	—	—	68	68	71	75	—	102	—	—	1.5	1.5	1.52
	130	31	2.1	2.1	—	113	124	126	4 700	6 300	—	—	—	<b>N312</b>	<b>NF312</b>	71	—	—	—	86	119	119	116	2	2	(1.83)
	130	31	2.1	2.1	77	—	150	157	4 600	6 200	<b>NU312R</b>	<b>NJ312R</b>	<b>NUP312R</b>	—	—	71	71	75	79	86	119	—	—	2	2	1.87
	130	46	2.1	2.1	77	—	168	188	4 200	6 300	<b>NU2312</b>	<b>NJ2312</b>	<b>NUP2312</b>	—	—	71	71	75	79	86	119	—	—	2	2	2.69
	130	46	2.1	2.1	77	—	223	262	4 100	6 200	<b>NU2312R</b>	<b>NJ2312R</b>	<b>NUP2312R</b>	—	—	71	71	75	79	86	119	—	—	2	2	2.81
	130	54	2.1	2.1	77	—	220	265	4 200	6 300	<b>NU3312</b>	—	—	—	—	71	71	75	79	—	119	—	—	2	2	3.61
	150	35	2.1	2.1	83	127	178	184	4 200	5 700	<b>NU412</b>	<b>NJ412</b>	<b>NUP412</b>	<b>N412</b>	<b>NF412</b>	71	71	82	85	94	139	139	128	2	2	3.02
65	100	18	1.1	1	74.5	—	43.3	52.9	6 600	7 800	<b>NU1013</b>	—	<b>NUP1013</b>	—	—	71.5	70	73	76	—	93.5	—	—	1	1	0.506
	120	23	1.5	1.5	—	105.6	83.8	94.4	5 400	6 400	—	—	—	<b>N213</b>	<b>NF213</b>	73	—	—	—	87	112	112	108	1.5	1.5	(1.05)
	120	23	1.5	1.5	78.5	—	108	119	5 300	6 400	<b>NU213R</b>	<b>NJ213R</b>	<b>NUP213R</b>	—	—	73	73	77	81	87	112	—	—	1.5	1.5	1.05
	120	31	1.5	1.5	79.6	—	120	149	4 800	6 400	<b>NU2213</b>	<b>NJ2213</b>	<b>NUP2213</b>	—	—	73	73	77	81	87	112	—	—	1.5	1.5	1.43
	120	31	1.5	1.5	78.5	—	149	181	4 800	6 400	<b>NU2213R</b>	<b>NJ2213R</b>	<b>NUP2213R</b>	—	—	73	73	77	81	87	112	—	—	1.5	1.5	1.45
	120	38.1	1.5	1.5	79.6	—	148	197	4 300	6 400	<b>NU3213</b>	—	—	—	—	73	73	77	81	—	112	—	—	1.5	1.5	1.90
	140	33	2.1	2.1	—	121.5	137	139	4 300	5 800	—	—	—	<b>N313</b>	<b>NF313</b>	76	—	—	—	93	129	129	125	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.

Single-row cylindrical roller bearings

d (65) ~ (75) mm



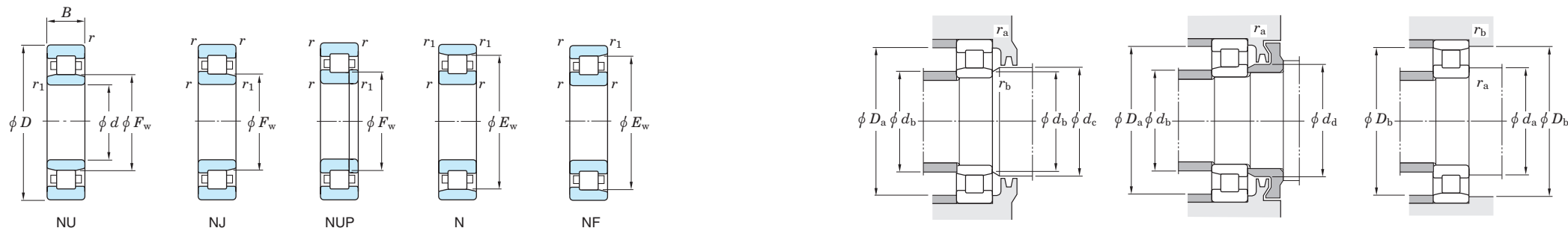
Boundary dimensions (mm)							Basic load ratings (kN)		Limiting speeds (min <sup>-1</sup> )		Bearing No.					Mounting dimensions (mm)								(Refer.) Mass NU (N) (kg)		
d	D	B	r min.	r1 min.	Fw	Ew	Cr	C0r	Grease lub.	Oil lub.	NU	NJ	NUP	N	NF	da min.	db min.	db max.	dc min.	da min.	Da max.	Db max.	Db min.		ra max.	rb max.
65	140	33	2.1	2.1	82.5	—	181	191	4 300	5 700	NU313R	NJ313R	NUP313R	—	—	76	76	81	85	93	129	—	—	2	2	2.31
	140	48	2.1	2.1	83.5	—	190	212	3 900	5 800	NU2313	NJ2313	NUP2313	—	—	76	76	81	85	93	129	—	—	2	2	3.25
	140	48	2.1	2.1	82.5	—	251	287	3 800	5 700	NU2313R	NJ2313R	NUP2313R	—	—	76	76	81	85	93	129	—	—	2	2	3.36
	140	58.7	2.1	2.1	83.5	—	241	294	3 900	5 800	NU3313	—	—	—	—	76	76	81	85	—	129	—	—	2	2	4.53
	160	37	2.1	2.1	89.3	135.3	198	203	4 000	5 300	NU413	NJ413	NUP413	N413	NF413	76	76	88	91	100	149	149	137	2	2	3.58
70	110	20	1.1	1	80	—	57.9	70.4	6 100	7 200	NU1014	—	NUP1014	—	—	76.5	75	78	82	—	103.5	—	—	1	1	0.702
	125	24	1.5	1.5	—	110.5	83.3	95.2	5 100	6 100	—	—	—	N214	NF214	78	—	—	—	92	117	117	114	1.5	1.5	(1.15)
	125	24	1.5	1.5	83.5	—	119	137	5 000	6 000	NU214R	NJ214R	NUP214R	—	—	78	78	82	86	92	117	—	—	1.5	1.5	1.16
	125	31	1.5	1.5	84.5	—	119	151	4 600	6 100	NU2214	NJ2214	NUP2214	—	—	78	78	82	86	92	117	—	—	1.5	1.5	1.52
	125	31	1.5	1.5	83.5	—	156	194	4 500	6 000	NU2214R	NJ2214R	NUP2214R	—	—	78	78	82	86	92	117	—	—	1.5	1.5	1.53
	125	39.7	1.5	1.5	84.5	—	147	198	4 100	6 100	NU3214	—	—	—	—	78	78	82	86	—	117	—	—	1.5	1.5	2.09
	150	35	2.1	2.1	—	130	162	168	4 000	5 400	—	—	—	N314	NF314	81	—	—	—	100	139	139	134	2	2	(2.73)
	150	35	2.1	2.1	89	—	205	222	4 000	5 300	NU314R	NJ314R	NUP314R	—	—	81	81	87	92	100	139	—	—	2	2	2.81
	150	51	2.1	2.1	90	—	224	262	3 600	5 400	NU2314	NJ2314	NUP2314	—	—	81	81	87	92	100	139	—	—	2	2	3.97
	150	51	2.1	2.1	89	—	275	323	3 600	5 300	NU2314R	NJ2314R	NUP2314R	—	—	81	81	87	92	100	139	—	—	2	2	4.08
	150	63.5	2.1	2.1	90	—	283	356	3 600	5 400	NU3314	—	—	—	—	81	81	87	92	—	139	—	—	2	2	5.62
	180	42	3	3	100	152	246	257	3 500	4 700	NU414	NJ414	NUP414	N414	NF414	83	83	99	102	112	167	167	153	2.5	2.5	5.26
	75	115	20	1.1	1	85	—	63.6	78.1	5 700	6 800	NU1015	—	NUP1015	—	—	81.5	80	83	87	—	108.5	—	—	1	1
130		25	1.5	1.5	—	116.5	101	118	4 800	5 800	—	—	—	N215	NF215	83	—	—	—	96	122	122	120	1.5	1.5	(1.24)
130		25	1.5	1.5	88.5	—	130	156	4 800	5 700	NU215R	NJ215R	NUP215R	—	—	83	83	87	90	96	122	—	—	1.5	1.5	1.29
130		31	1.5	1.5	88.5	—	135	172	4 300	5 800	NU2215	NJ2215	NUP2215	—	—	83	83	87	90	96	122	—	—	1.5	1.5	1.57
130		31	1.5	1.5	88.5	—	162	207	4 300	5 700	NU2215R	NJ2215R	NUP2215R	—	—	83	83	87	90	96	122	—	—	1.5	1.5	1.61
130		41.3	1.5	1.5	88.5	—	167	226	3 900	5 800	NU3215	—	—	—	—	83	83	87	90	—	122	—	—	1.5	1.5	2.28
160		37	2.1	2.1	—	139.5	194	205	3 800	5 000	—	—	—	N315	NF315	86	—	—	—	106	149	149	143	2	2	(3.19)
160		37	2.1	2.1	95	—	240	263	3 700	5 000	NU315R	NJ315R	NUP315R	—	—	86	86	93	97	106	149	—	—	2	2	3.37
160		55	2.1	2.1	95.5	—	275	327	3 400	5 000	NU2315	NJ2315	NUP2315	—	—	86	86	93	97	106	149	—	—	2	2	4.84
160		55	2.1	2.1	95	—	329	395	3 300	5 000	NU2315R	NJ2315R	NUP2315R	—	—	86	86	93	97	106	149	—	—	2	2	5.00

[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.

Single-row cylindrical roller bearings

d (75) ~ (90) mm



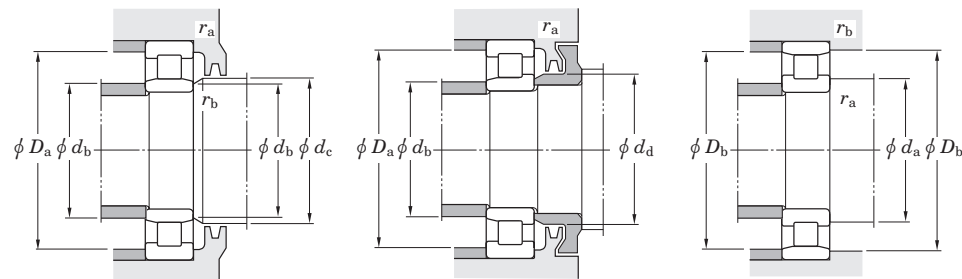
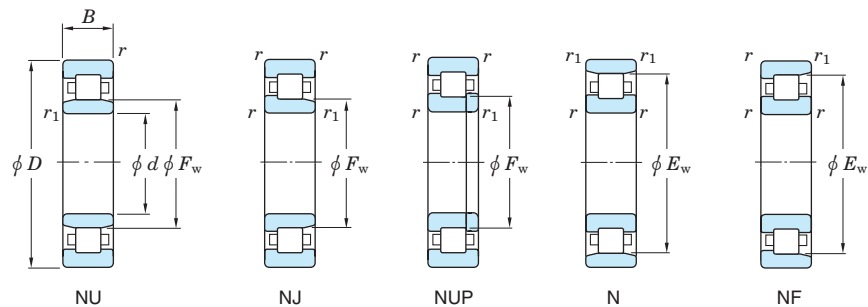
Boundary dimensions (mm)			Basic load ratings (kN)		Limiting speeds (min <sup>-1</sup> )		Bearing No.					Mounting dimensions (mm)								Refer.) Mass NU (N) (kg)						
d	D	B	r min.	r1 min.	Fw	Ew	Cr	C0r	Grease lub.	Oil lub.	NU	NJ	NUP	N	NF	da min.	db min.	db max.	dc min.		da min.	Da max.	Db max.	ra min.	rb max.	
75	160	68.3	2.1	2.1	95.5	—	338	430	3 400	5 000	NU3315	—	—	—	—	86	86	93	97	—	149	—	—	2	2	6.86
	190	45	3	3	104.5	160.5	265	274	3 300	4 400	NU415	NJ415	NUP415	N415	NF415	88	88	103	107	118	177	177	162	2.5	2.5	6.25
80	125	22	1.1	1	91.5	—	69.3	86.4	5 300	6 300	NU1016	—	NUP1016	—	—	86.5	85	90	94	—	118.5	—	—	1	1	0.994
	140	26	2	2	—	125.3	106	122	4 500	5 400	—	—	—	N216	NF216	89	—	—	—	104	131	131	128	2	2	(1.51)
	140	26	2	2	95.3	—	139	167	4 400	5 300	NU216R	NJ216R	NUP216R	—	—	89	89	94	97	104	131	—	—	2	2	1.56
	140	33	2	2	95.3	—	148	186	4 000	5 400	NU2216	NJ2216	NUP2216	—	—	89	89	94	97	104	131	—	—	2	2	1.96
	140	33	2	2	95.3	—	186	243	4 000	5 300	NU2216R	NJ2216R	NUP2216R	—	—	89	89	94	97	104	131	—	—	2	2	2.03
	140	44.4	2	2	95.3	—	190	259	3 600	5 400	NU3216	—	—	—	—	89	89	94	97	—	131	—	—	2	2	2.87
	170	39	2.1	2.1	—	147	194	207	3 500	4 700	—	—	—	N316	NF316	91	—	—	—	114	159	159	151	2	2	(3.83)
	170	39	2.1	2.1	101	—	259	282	3 500	4 700	NU316R	NJ316R	NUP316R	—	—	91	91	99	105	114	159	—	—	2	2	4.00
	170	58	2.1	2.1	103	—	275	332	3 100	4 700	NU2316	NJ2316	NUP2316	—	—	91	91	99	105	114	159	—	—	2	2	5.83
	170	58	2.1	2.1	101	—	361	431	3 100	4 700	NU2316R	NJ2316R	NUP2316R	—	—	91	91	99	105	114	159	—	—	2	2	5.95
	170	68.3	2.1	2.1	103	—	338	436	3 100	4 700	NU3316	—	—	—	—	91	91	99	105	—	159	—	—	2	2	7.72
	200	48	3	3	110	170	302	315	3 100	4 200	NU416	NJ416	NUP416	N416	NF416	93	93	109	112	124	187	187	172	2.5	2.5	7.28
85	130	22	1.1	1	96.5	—	71.4	91.2	5 100	6 000	NU1017	—	NUP1017	—	—	91.5	90	95	99	—	123.5	—	—	1	1	1.04
	150	28	2	2	—	133.8	121	140	4 200	5 000	—	—	—	N217	NF217	94	—	—	—	110	141	141	137	2	2	(1.90)
	150	28	2	2	100.5	—	167	199	4 200	5 000	NU217R	NJ217R	NUP217R	—	—	94	94	99	104	110	141	—	—	2	2	1.94
	150	36	2	2	101.8	—	169	218	3 800	5 000	NU2217	NJ2217	NUP2217	—	—	94	94	99	104	110	141	—	—	2	2	2.50
	150	36	2	2	100.5	—	218	279	3 700	5 000	NU2217R	NJ2217R	NUP2217R	—	—	94	94	99	104	110	141	—	—	2	2	2.53
	150	49.2	2	2	101.8	—	215	296	3 300	5 000	NU3217	—	—	—	—	94	94	99	104	—	141	—	—	2	2	3.67
	180	41	3	3	—	156	225	247	3 300	4 500	—	—	—	N317	NF317	98	—	—	—	119	167	167	160	2.5	2.5	(4.52)
	180	41	3	3	108	—	291	330	3 300	4 400	NU317R	NJ317R	NUP317R	—	—	98	98	106	110	119	167	—	—	2.5	2.5	4.80
	180	60	3	3	108	—	315	382	3 000	4 500	NU2317	NJ2317	NUP2317	—	—	98	98	106	110	119	167	—	—	2.5	2.5	6.62
	180	60	3	3	108	—	394	485	2 900	4 400	NU2317R	NJ2317R	NUP2317R	—	—	98	98	106	110	119	167	—	—	2.5	2.5	6.98
	180	73	3	3	108	—	399	517	3 000	4 500	NU3317	—	—	—	—	98	98	106	110	—	167	—	—	2.5	2.5	9.23
	210	52	4	4	113	177	340	350	3 000	4 000	NU417	NJ417	NUP417	N417	NF417	101	101	111	115	128	194	194	179	3	3	8.68
90	140	24	1.5	1.1	103	—	84.7	109	4 700	5 600	NU1018	—	NUP1018	—	—	98	96.5	101	106	—	132	—	—	1.5	1	1.34

[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.

Single-row cylindrical roller bearings

d (90) ~ (100) mm



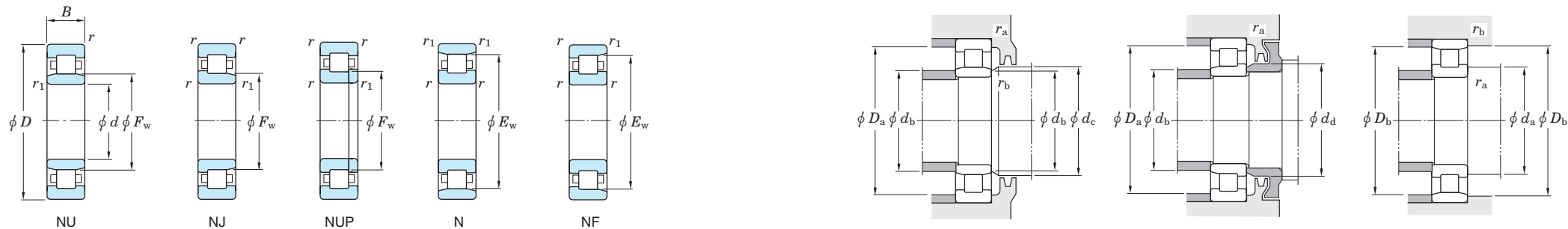
d	Boundary dimensions (mm)						Basic load ratings (kN)		Limiting speeds (min <sup>-1</sup> )		Bearing No.					Mounting dimensions (mm)								Mass NU (N) (kg)					
	D	B	r <sub>min.</sub>	r <sub>1 min.</sub>	F <sub>w</sub>	E <sub>w</sub>	C <sub>r</sub>	C <sub>0r</sub>	Grease lub.	Oil lub.	NU	NJ	NUP	N	NF	d <sub>a min.</sub>	d <sub>b min.</sub>	d <sub>b max.</sub>	d <sub>c min.</sub>	d <sub>a min.</sub>	D <sub>a min.</sub>	D <sub>a max.</sub>	D <sub>b min.</sub>		D <sub>b max.</sub>	r <sub>a min.</sub>	r <sub>a max.</sub>	r <sub>b min.</sub>	r <sub>b max.</sub>
90	160	30	2	2	—	143	152	178	3 900	4 700	—	—	—	N218	NF218	99	—	—	—	116	151	151	146	2	2	2	2	2	(2.32)
	160	30	2	2	107	—	182	217	3 900	4 700	NU218R	NJ218R	NUP218R	—	—	99	99	105	109	116	151	—	—	2	2	2	2	2	2.38
	160	40	2	2	107	—	207	265	3 500	4 700	NU2218	NJ2218	NUP2218	—	—	99	99	105	109	116	151	—	—	2	2	2	2	2	3.10
	160	40	2	2	107	—	242	314	3 500	4 700	NU2218R	NJ2218R	NUP2218R	—	—	99	99	105	109	116	151	—	—	2	2	2	2	2	3.21
	160	52.4	2	2	107	—	270	373	3 100	4 700	NU3218	—	—	—	—	99	99	105	109	—	151	—	—	2	2	2	2	2	4.49
	190	43	3	3	—	165	243	265	3 100	4 200	—	—	—	N318	NF318	103	—	—	—	127	177	177	169	2.5	2.5	2.5	2.5	2.5	(5.27)
	190	43	3	3	113.5	—	316	355	3 100	4 100	NU318R	NJ318R	NUP318R	—	—	103	103	111	117	127	177	—	—	2.5	2.5	2.5	2.5	2.5	5.47
	190	64	3	3	115	—	329	395	2 800	4 200	NU2318	NJ2318	NUP2318	—	—	103	103	111	117	127	177	—	—	2.5	2.5	2.5	2.5	2.5	7.90
	190	64	3	3	113.5	—	437	534	2 800	4 100	NU2318R	NJ2318R	NUP2318R	—	—	103	103	111	117	127	177	—	—	2.5	2.5	2.5	2.5	2.5	8.12
	190	73	3	3	115	—	428	559	2 800	4 200	NU3318	—	—	—	—	103	103	111	117	—	177	—	—	2.5	2.5	2.5	2.5	2.5	10.3
	225	54	4	4	123.5	191.5	374	400	2 800	3 700	NU418	NJ418	NUP418	N418	NF418	106	106	122	125	139	209	209	194	3	3	3	3	3	10.3
	95	145	24	1.5	1.1	108	—	87.2	115	4 500	5 300	NU1019	—	NUP1019	—	—	103	101.5	106	111	—	137	—	—	1.5	1	1	1	1
170		32	2.1	2.1	—	151.5	165	195	3 700	4 400	—	—	—	N219	NF219	106	—	—	—	123	159	159	155	2	2	2	2	2	(2.80)
170		32	2.1	2.1	112.5	—	221	265	3 700	4 400	NU219R	NJ219R	NUP219R	—	—	106	106	111	116	123	159	—	—	2	2	2	2	2	2.92
170		43	2.1	2.1	113.5	—	230	298	3 300	4 400	NU2219	NJ2219	NUP2219	—	—	106	106	111	116	123	159	—	—	2	2	2	2	2	3.85
170		43	2.1	2.1	112.5	—	287	371	3 300	4 400	NU2219R	NJ2219R	NUP2219R	—	—	106	106	111	116	123	159	—	—	2	2	2	2	2	3.93
170		55.6	2.1	2.1	113.5	—	297	412	3 000	4 400	NU3219	—	—	—	—	106	106	111	116	—	159	—	—	2	2	2	2	2	5.42
200		45	3	3	—	173.5	277	311	3 000	4 000	—	—	—	N319	NF319	108	—	—	—	134	187	187	178	2.5	2.5	2.5	2.5	2.5	(6.10)
200		45	3	3	121.5	—	334	387	2 900	3 900	NU319R	NJ319R	NUP319R	—	—	108	108	119	124	134	187	—	—	2.5	2.5	2.5	2.5	2.5	6.42
200		67	3	3	121.5	—	394	496	2 600	4 000	NU2319	NJ2319	NUP2319	—	—	108	108	119	124	134	187	—	—	2.5	2.5	2.5	2.5	2.5	9.39
200		77.8	3	3	121.5	—	487	654	2 600	4 000	NU3319	—	—	—	—	108	108	119	124	—	187	—	—	2.5	2.5	2.5	2.5	2.5	12.1
240		55	4	4	133.5	201.5	410	444	2 600	3 400	NU419	NJ419	NUP419	N419	NF419	111	111	132	136	149	224	224	204	3	3	3	3	3	13.6
100		150	24	1.5	1.1	113	—	91.0	120	4 300	5 100	NU1020	—	NUP1020	—	—	108	106.5	111	116	—	142	—	—	1.5	1	1	1	1
	180	34	2.1	2.1	—	160	183	217	3 500	4 200	—	—	—	N220	NF220	111	—	—	—	130	169	169	164	2	2	2	2	2	(3.38)
	180	34	2.1	2.1	119	—	250	306	3 500	4 200	NU220R	NJ220R	NUP220R	—	—	111	111	117	122	130	169	—	—	2	2	2	2	2	3.52
	180	46	2.1	2.1	120	—	259	338	3 100	4 200	NU2220	NJ2220	NUP2220	—	—	111	111	117	122	130	169	—	—	2	2	2	2	2	4.67
	180	46	2.1	2.1	119	—	334	444	3 100	4 200	NU2220R	NJ2220R	NUP2220R	—	—	111	111	117	122	130	169	—	—	2	2	2	2	2	4.82

[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.

Single-row cylindrical roller bearings

d (100) ~ 110 mm



Boundary dimensions (mm)			Basic load ratings (kN)		Limiting speeds (min <sup>-1</sup> )		Bearing No.					Mounting dimensions (mm)								(Refer.) Mass NU (N) (kg)						
d	D	B	r <sub>min.</sub>	r <sub>1 min.</sub>	F <sub>w</sub>	E <sub>w</sub>	C <sub>r</sub>	C <sub>0r</sub>	Grease lub.	Oil lub.	NU	NJ	NUP	N	NF	d <sub>a min.</sub>	d <sub>b min.</sub>	d <sub>b max.</sub>	d <sub>c min.</sub>		d <sub>a min.</sub>	D <sub>a max.</sub>	D <sub>b max.</sub>	D <sub>b min.</sub>	r <sub>a max.</sub>	r <sub>b max.</sub>
100	180	60.3	2.1	2.1	120	—	327	459	2 800	4 200	NU3220	—	—	—	—	111	111	117	122	—	169	—	—	2	2	6.62
	215	47	3	3	—	185.5	323	337	2 800	3 700	—	—	—	N320	NF320	113	—	—	—	143	202	202	190	2.5	2.5	(7.59)
	215	47	3	3	127.5	—	379	424	2 700	3 600	NU320R	NJ320R	NUP320R	—	—	113	113	125	132	143	202	—	—	2.5	2.5	7.75
	215	73	3	3	129.5	—	464	548	2 500	3 700	NU2320	NJ2320	NUP2320	—	—	113	113	125	132	143	202	—	—	2.5	2.5	11.9
	215	73	3	3	127.5	—	570	717	2 400	3 600	NU2320R	NJ2320R	NUP2320R	—	—	113	113	125	132	143	202	—	—	2.5	2.5	12.1
	215	82.6	3	3	129.5	—	530	706	2 500	3 700	NU3320	—	—	—	—	113	113	125	132	—	202	—	—	2.5	2.5	15.0
	250	58	4	4	139	211	458	498	2 500	3 300	NU420	NJ420	NUP420	N420	NF420	116	116	137	141	156	234	234	213	3	3	14.0
105	160	26	2	1.1	119.5	—	108	149	4 100	4 800	NU1021	—	NUP1021	—	—	114	111.5	118	122	—	151	—	—	2	1	1.85
	190	36	2.1	2.1	—	168.8	201	241	3 300	3 900	—	—	—	N221	NF221	116	—	—	—	137	179	179	173	2	2	(4.44)
	190	65.1	2.1	2.1	126.8	—	344	482	2 600	3 900	NU3221	—	—	—	—	116	116	124	129	—	179	—	—	2	2	8.00
	225	49	3	3	—	195	366	417	2 600	3 500	—	—	—	N321	NF321	118	—	—	—	149	212	212	199	2.5	2.5	(8.68)
	225	77	3	3	135	—	568	750	2 300	3 500	NU2321	—	NUP2321	—	—	118	118	131	138	—	212	—	—	2.5	2.5	15.6
	225	87.3	3	3	135	—	638	871	2 300	3 500	NU3321	—	—	—	—	118	118	132	137	—	212	—	—	2.5	2.5	17.4
	260	60	4	4	144.5	220.5	471	510	2 400	3 100	NU421	NJ421	NUP421	N421	NF421	121	121	143	147	162	244	244	223	3	3	19.1
110	170	28	2	1.1	125	—	134	171	3 800	4 500	NU1022	—	NUP1022	—	—	119	116.5	124	128	—	161	—	—	2	1	2.31
	200	38	2.1	2.1	—	178.5	241	290	3 100	3 700	—	—	—	N222	NF222	121	—	—	—	144	189	189	182	2	2	(5.24)
	200	38	2.1	2.1	132.5	—	293	365	3 100	3 700	NU222R	NJ222R	NUP222R	—	—	121	121	130	135	144	189	—	—	2	2	4.90
	200	53	2.1	2.1	132.5	—	334	442	2 800	3 700	NU2222	NJ2222	NUP2222	—	—	121	121	130	135	144	189	—	—	2	2	6.93
	200	53	2.1	2.1	132.5	—	384	517	2 800	3 700	NU2222R	NJ2222R	NUP2222R	—	—	121	121	130	135	144	189	—	—	2	2	6.93
	200	69.8	2.1	2.1	132.5	—	427	607	2 500	3 700	NU3222	—	—	—	—	121	121	130	135	—	189	—	—	2	2	9.55
	240	50	3	3	—	207	411	467	2 500	3 300	—	—	—	N322	NF322	123	—	—	—	158	227	227	211	2.5	2.5	(10.4)
	240	50	3	3	143	—	451	525	2 400	3 200	NU322R	NJ322R	NUP322R	—	—	123	123	140	145	158	227	—	—	2.5	2.5	10.7
	240	80	3	3	143	—	604	789	2 200	3 300	NU2322	NJ2322	NUP2322	—	—	123	123	140	145	158	227	—	—	2.5	2.5	18.8
	240	80	3	3	143	—	680	880	2 200	3 200	NU2322R	NJ2322R	NUP2322R	—	—	123	123	140	145	158	227	—	—	2.5	2.5	18.8
	240	92.1	3	3	143	—	678	918	2 200	3 300	NU3322	—	—	—	—	123	123	140	145	—	227	—	—	2.5	2.5	21.1
	280	65	4	4	155	235	550	621	2 200	2 900	NU422	NJ422	NUP422	N422	NF422	126	126	153	157	173	264	264	237	3	3	19.9

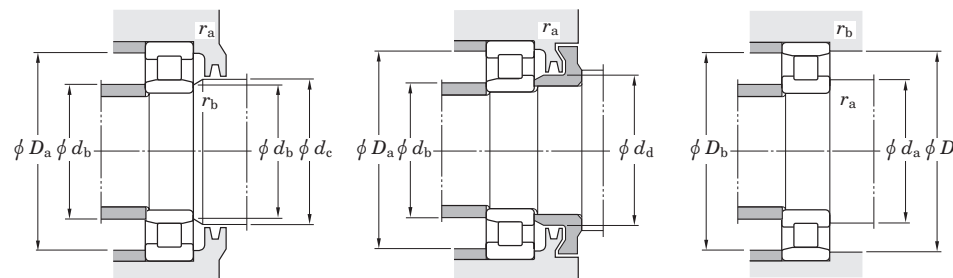
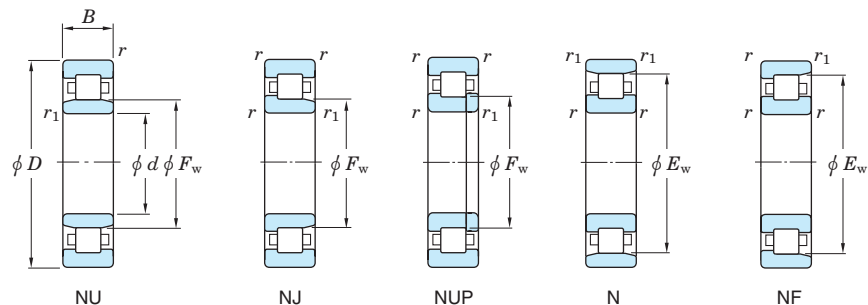
[Remarks] 1) Standard cage types used for the above bearings are shown in Table 1 earlier in this section. Please note that basic load ratings and limiting speeds shown above indicate the value applicable to machined cage. Consult JTEKT about bearings with pressed cage, since they may be different from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



Single-row cylindrical roller bearings

d 120 ~ (140) mm



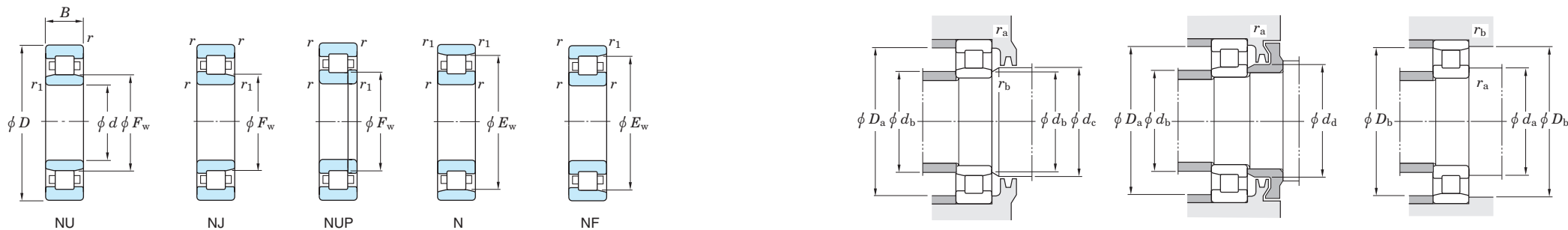
Boundary dimensions (mm)			Basic load ratings (kN)		Limiting speeds (min <sup>-1</sup> )		Bearing No.					Mounting dimensions (mm)								Refer.) Mass NU (N) (kg)						
d	D	B	r min.	r1 min.	Fw	Ew	Cr	C0r	Grease lub.	Oil lub.	NU	NJ	NUP	N	NF	da min.	db min.	db max.	dc min.		da min.	Da max.	Db max.	Db min.	ra max.	rb max.
120	180	28	2	1.1	135	—	137	181	3 500	4 200	NU1024	—	NUP1024	—	—	129	126.5	134	138	—	171	—	—	2	1	2.47
	215	40	2.1	2.1	—	191.5	260	318	2 900	3 400	—	—	—	N224	NF224	131	—	—	—	156	204	204	196	2	2	(6.31)
	215	40	2.1	2.1	143.5	—	336	421	2 800	3 400	NU224R	NJ224R	NUP224R	—	—	131	131	141	146	156	204	—	—	2	2	5.85
	215	58	2.1	2.1	143.5	—	367	492	2 600	3 400	NU2224	NJ2224	NUP2224	—	—	131	131	141	146	156	204	—	—	2	2	8.56
	215	58	2.1	2.1	143.5	—	452	619	2 600	3 400	NU2224R	NJ2224R	NUP2224R	—	—	131	131	141	146	156	204	—	—	2	2	8.56
	215	76	2.1	2.1	143.5	—	477	695	2 300	3 400	NU3224	—	—	—	—	131	131	141	146	—	204	—	—	2	2	11.9
	260	55	3	3	—	226	485	551	2 200	3 000	—	—	—	N324	NF324	133	—	—	—	171	247	247	230	2.5	2.5	(13.1)
	260	55	3	3	154	—	528	610	2 200	3 000	NU324R	NJ324R	NUP324R	—	—	133	133	151	156	171	247	—	—	2.5	2.5	13.4
	260	86	3	3	154	—	708	918	2 000	3 000	NU2324	NJ2324	NUP2324	—	—	133	133	151	156	171	247	—	—	2.5	2.5	23.1
	260	86	3	3	154	—	793	1 030	2 000	3 000	NU2324R	NJ2324R	NUP2324R	—	—	133	133	151	156	172	247	—	—	2.5	2.5	23.1
	260	106	3	3	154	—	826	1 120	2 000	3 000	NU3324	—	—	—	—	133	133	151	156	—	247	—	—	2.5	2.5	28.3
	310	72	5	5	170	260	690	770	1 900	2 600	NU424	NJ424	NUP424	N424	NF424	140	140	168	172	190	290	290	262	4	4	28.0
	130	200	33	2	1.1	148	—	171	238	3 200	3 800	NU1026	—	NUP1026	—	—	139	136.5	146	151	—	191	—	—	2	1
230		40	3	3	—	204	282	362	2 700	3 200	—	—	—	N226	NF226	143	—	—	—	168	217	217	208	2.5	2.5	(7.21)
230		40	3	3	153.5	—	364	453	2 600	3 200	NU226R	NJ226R	NUP226R	—	—	143	143	151	158	168	217	—	—	2.5	2.5	6.60
230		64	3	3	156	—	395	560	2 400	3 200	NU2226	NJ2226	NUP2226	—	—	143	143	151	158	168	217	—	—	2.5	2.5	11.2
230		64	3	3	153.5	—	530	737	2 400	3 200	NU2226R	NJ2226R	NUP2226R	—	—	143	143	151	158	168	217	—	—	2.5	2.5	11.2
230		80	3	3	156	—	550	857	2 100	3 200	NU3226	—	—	—	—	143	143	151	158	—	217	—	—	2.5	2.5	14.1
280		58	4	4	—	243	564	667	2 100	2 700	—	—	—	N326	NF326	146	—	—	—	184	264	264	247	3	3	(16.4)
280		58	4	4	167	—	616	736	2 000	2 700	NU326R	NJ326R	NUP326R	—	—	146	146	164	169	184	264	—	—	3	3	16.7
280		93	4	4	167	—	838	1 130	1 800	2 700	NU2326	NJ2326	NUP2326	—	—	146	146	164	169	184	264	—	—	3	3	29.1
280		93	4	4	167	—	920	1 230	1 800	2 700	NU2326R	NJ2326R	NUP2326R	—	—	146	146	164	169	186	264	—	—	3	3	29.1
280	112	4	4	167	—	936	1 290	1 800	2 700	NU3326	—	—	—	—	146	146	164	169	—	264	—	—	3	3	34.6	
340	78	5	5	185	285	771	876	1 800	2 300	NU426	NJ426	NUP426	N426	NF426	150	150	183	187	208	320	320	287	4	4	36.1	
140	210	33	2	1.1	158	—	175	250	3 000	3 600	NU1028	—	NUP1028	—	—	149	146.5	156	161	—	201	—	—	2	1	4.00
	250	42	3	3	—	221	324	421	2 400	2 900	—	—	—	N228	NF228	153	—	—	—	182	237	237	228	2.5	2.5	(8.78)
	250	42	3	3	169	—	392	514	2 400	2 900	NU228R	NJ228R	NUP228R	—	—	153	153	166	171	182	237	—	—	2.5	2.5	8.50

[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.

Single-row cylindrical roller bearings

d (140) ~ (160) mm



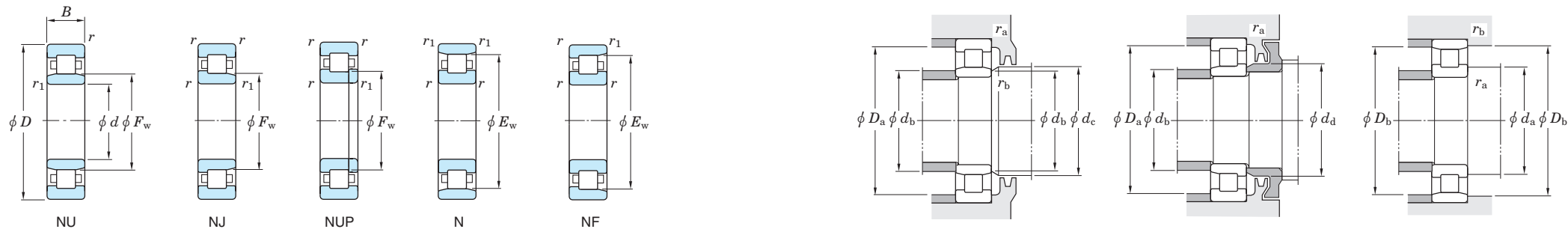
Boundary dimensions (mm)							Basic load ratings (kN)		Limiting speeds (min <sup>-1</sup> )		Bearing No.					Mounting dimensions (mm)								(Refer.) Mass NU (N) (kg)		
d	D	B	r min.	r1 min.	Fw	Ew	Cr	C0r	Grease lub.	Oil lub.	NU	NJ	NUP	N	NF	da min.	db min.	db max.	dc min.	da' min.	Da max.	Db max.	Db min.		ra max.	rb max.
140	250	68	3	3	169	—	465	671	2 200	2 900	<b>NU2228</b>	<b>NJ2228</b>	<b>NUP2228</b>	—	—	153	153	166	171	182	237	—	—	2.5	2.5	14.3
	250	68	3	3	169	—	572	835	2 200	2 900	<b>NU2228R</b>	<b>NJ2228R</b>	<b>NUP2228R</b>	—	—	153	153	166	171	182	237	—	—	2.5	2.5	14.3
	250	88	3	3	169	—	604	939	1 900	2 900	<b>NU3228</b>	—	—	—	—	153	153	166	171	—	237	—	—	2.5	2.5	18.5
	300	62	4	4	—	260	623	746	1 900	2 500	—	—	—	<b>N328</b>	<b>NF328</b>	156	—	—	—	198	284	284	264	3	3	(21.8)
	300	62	4	4	180	—	663	797	1 900	2 500	<b>NU328R</b>	<b>NJ328R</b>	<b>NUP328R</b>	—	—	156	156	176	182	198	284	—	—	3	3	21.8
	300	102	4	4	180	—	920	1 250	1 700	2 500	<b>NU2328</b>	<b>NJ2328</b>	<b>NUP2328</b>	—	—	156	156	176	182	198	284	—	—	3	3	36.8
	300	102	4	4	180	—	1 020	1 380	1 700	2 500	<b>NU2328R</b>	<b>NJ2328R</b>	<b>NUP2328R</b>	—	—	156	156	176	182	200	284	—	—	3	3	36.8
	300	118	4	4	180	—	1 090	1 550	1 700	2 500	<b>NU3328</b>	—	—	—	—	156	156	176	182	—	284	—	—	3	3	41.5
	360	82	5	5	198	302	874	1 020	1 600	2 200	<b>NU428</b>	<b>NJ428</b>	<b>NUP428</b>	<b>N428</b>	<b>NF428</b>	160	160	195	200	222	340	340	304	4	4	46.8
	150	225	35	2.1	1.5	169.5	—	201	281	2 800	3 300	<b>NU1030</b>	—	<b>NUP1030</b>	—	—	161	158	167	173	—	214	—	—	2	1.5
270		45	3	3	—	238	374	492	2 200	2 700	—	—	—	<b>N230</b>	<b>NF230</b>	163	—	—	—	196	257	257	245	2.5	2.5	(11.1)
270		45	3	3	182	—	448	594	2 200	2 600	<b>NU230R</b>	<b>NJ230R</b>	<b>NUP230R</b>	—	—	163	163	179	184	196	257	—	—	2.5	2.5	10.7
270		73	3	3	182	—	545	800	2 000	2 700	<b>NU2230</b>	<b>NJ2230</b>	<b>NUP2230</b>	—	—	163	163	179	184	196	257	—	—	2.5	2.5	18.7
270		73	3	3	182	—	662	982	2 000	2 600	<b>NU2230R</b>	<b>NJ2230R</b>	<b>NUP2230R</b>	—	—	163	163	179	184	196	257	—	—	2.5	2.5	18.7
270		96	3	3	182	—	749	1 200	1 800	2 700	<b>NU3230</b>	—	—	—	—	163	163	179	184	—	257	—	—	2.5	2.5	23.7
320		65	4	4	—	277	663	807	1 800	2 300	—	—	—	<b>N330</b>	<b>NF330</b>	166	—	—	—	213	304	304	281	3	3	(25.6)
320		65	4	4	193	—	757	922	1 700	2 300	<b>NU330R</b>	<b>NJ330R</b>	<b>NUP330R</b>	—	—	166	166	190	195	213	304	—	—	3	3	27.0
320		108	4	4	193	—	1 020	1 400	1 600	2 300	<b>NU2330</b>	<b>NJ2330</b>	<b>NUP2330</b>	—	—	166	166	190	195	213	304	—	—	3	3	44.7
320		108	4	4	193	—	1 180	1 600	1 500	2 300	<b>NU2330R</b>	<b>NJ2330R</b>	<b>NUP2330R</b>	—	—	166	166	190	195	213	304	—	—	3	3	44.7
320		128	4	4	193	—	1 290	1 890	1 600	2 300	<b>NU3330</b>	—	—	—	—	166	166	190	195	—	304	—	—	3	3	51.4
380		85	5	5	213	317	930	1 120	1 500	2 000	<b>NU430</b>	<b>NJ430</b>	<b>NUP430</b>	<b>N430</b>	<b>NF430</b>	170	170	210	216	237	360	360	319	4	4	53.3
160		240	38	2.1	1.5	180	—	236	330	2 600	3 000	<b>NU1032</b>	—	<b>NUP1032</b>	—	—	171	168	178	184	—	229	—	—	2	1.5
	290	48	3	3	—	255	427	568	2 100	2 500	—	—	—	<b>N232</b>	<b>NF232</b>	173	—	—	—	210	277	277	262	2.5	2.5	(13.9)
	290	48	3	3	195	—	498	666	2 000	2 400	<b>NU232R</b>	<b>NJ232R</b>	<b>NUP232R</b>	—	—	173	173	192	197	210	277	—	—	2.5	2.5	14.8
	290	80	3	3	195	—	631	939	1 800	2 500	<b>NU2232</b>	<b>NJ2232</b>	<b>NUP2232</b>	—	—	173	173	192	197	210	277	—	—	2.5	2.5	23.6
	290	80	3	3	193	—	809	1 190	1 800	2 400	<b>NU2232R</b>	<b>NJ2232R</b>	<b>NUP2232R</b>	—	—	173	173	192	197	210	277	—	—	2.5	2.5	23.6
	290	104	3	3	195	—	857	1 390	1 600	2 500	<b>NU3232</b>	—	—	—	—	173	173	192	197	—	277	—	—	2.5	2.5	29.8

[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.

Single-row cylindrical roller bearings

d (160) ~ (190) mm



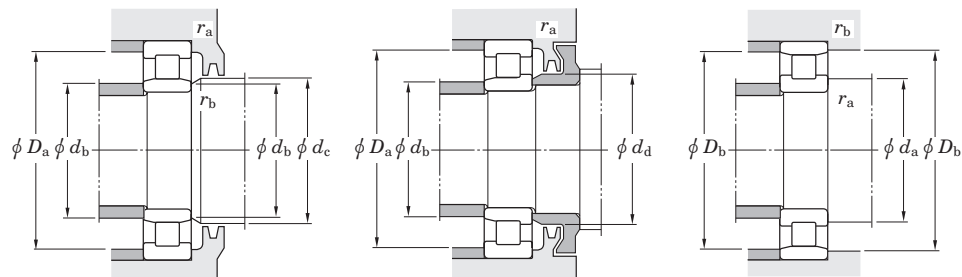
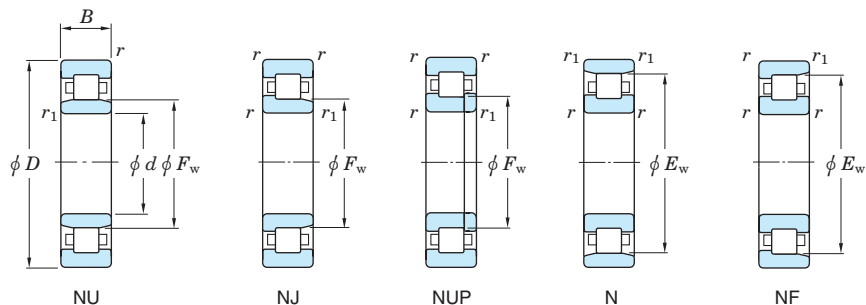
Boundary dimensions (mm)							Basic load ratings (kN)		Limiting speeds (min <sup>-1</sup> )		Bearing No.					Mounting dimensions (mm)								(Refer.) Mass NU (N) (kg)			
d	D	B	r min.	r1 min.	Fw	Ew	Cr	C0r	Grease lub.	Oil lub.	NU	NJ	NUP	N	NF	da min.	db min.	db max.	dc min.	da min.	Da max.	Db max.	Db min.		ra max.	rb max.	
160	340	68	4	4	—	292	698	876	1 600	2 200	—	—	—	<b>N332</b>	<b>NF332</b>	176	—	—	—	228	324	324	296	3	3	(30.2)	
	340	68	4	4	204	—	857	1 050	1 600	2 100	<b>NU332R</b>	<b>NJ332R</b>	<b>NUP332R</b>	—	—	176	176	200	211	228	324	—	—	3	3	32.0	
	340	114	4	4	208	—	1 070	1 520	1 400	2 200	<b>NU2332</b>	<b>NJ2332</b>	<b>NUP2332</b>	—	—	176	176	200	211	228	324	—	—	3	3	53.1	
	340	114	4	4	204	—	1 310	1 820	1 400	2 100	<b>NU2332R</b>	<b>NJ2332R</b>	<b>NUP2332R</b>	—	—	176	176	200	211	228	324	—	—	3	3	53.1	
	340	136	4	4	208	—	1 270	1 890	1 400	2 200	<b>NU3332</b>	—	—	—	—	176	176	200	211	—	324	—	—	3	3	61.5	
170	260	42	2.1	2.1	193	—	276	400	2 400	2 800	<b>NU1034</b>	—	<b>NUP1034</b>	—	—	181	181	190	197	—	249	—	—	2	2	7.90	
	310	52	4	4	—	272	475	637	1 900	2 300	—	—	—	<b>N234</b>	<b>NF234</b>	186	—	—	—	223	294	294	280	3	3	(17.2)	
	310	52	4	4	207	—	603	802	1 900	2 200	<b>NU234R</b>	<b>NJ234R</b>	<b>NUP234R</b>	—	—	186	186	204	211	223	294	—	—	3	3	18.6	
	310	86	4	4	208	—	715	1 080	1 700	2 300	<b>NU2234</b>	<b>NJ2234</b>	<b>NUP2234</b>	—	—	186	186	204	211	223	294	—	—	3	3	29.2	
	310	86	4	4	205	—	967	1 410	1 700	2 200	<b>NU2234R</b>	<b>NJ2234R</b>	<b>NUP2234R</b>	—	—	186	186	204	211	223	294	—	—	3	3	29.2	
	310	110	4	4	208	—	964	1 580	1 500	2 300	<b>NU3234</b>	—	—	—	—	186	186	204	211	—	294	—	—	3	3	36.2	
	360	72	4	4	220	310	—	809	1 010	1 500	2 000	<b>NU334</b>	<b>NJ334</b>	<b>NUP334</b>	<b>N334</b>	<b>NF334</b>	186	186	216	223	241	344	344	314	3	3	38.6
	360	120	4	4	220	—	1 220	1 750	1 300	2 000	<b>NU2334</b>	<b>NJ2334</b>	<b>NUP2334</b>	—	—	186	186	216	223	241	344	—	—	3	3	62.6	
360	140	4	4	220	—	1 420	2 120	1 300	2 000	<b>NU3334</b>	—	—	—	—	186	186	216	223	—	344	—	—	3	3	70.8		
180	280	46	2.1	2.1	205	—	356	503	2 200	2 600	<b>NU1036</b>	—	<b>NUP1036</b>	—	—	191	191	203	209	—	269	—	—	2	2	10.5	
	320	52	4	4	—	282	492	677	1 800	2 200	—	—	—	<b>N236</b>	<b>NF236</b>	196	—	—	—	233	304	304	290	3	3	(18.0)	
	320	52	4	4	217	—	626	852	1 800	2 100	<b>NU236R</b>	<b>NJ236R</b>	<b>NUP236R</b>	—	—	196	196	214	221	233	304	—	—	3	3	19.3	
	320	86	4	4	218	—	741	1 140	1 600	2 200	<b>NU2236</b>	<b>NJ2236</b>	<b>NUP2236</b>	—	—	196	196	214	221	233	304	—	—	3	3	30.4	
	320	86	4	4	215	—	1 010	1 510	1 600	2 100	<b>NU2236R</b>	<b>NJ2236R</b>	<b>NUP2236R</b>	—	—	196	196	214	221	233	304	—	—	3	3	30.4	
	320	112	4	4	218	—	999	1 680	1 400	2 200	<b>NU3236</b>	—	—	—	—	196	196	214	221	—	304	—	—	3	3	38.4	
	380	75	4	4	232	328	—	917	1 150	1 400	1 900	<b>NU336</b>	<b>NJ336</b>	<b>NUP336</b>	<b>N336</b>	<b>NF336</b>	196	196	227	235	255	364	364	332	3	3	42.6
	380	126	4	4	232	—	1 350	1 940	1 300	1 900	<b>NU2336</b>	<b>NJ2336</b>	<b>NUP2336</b>	—	—	196	196	227	235	255	364	—	—	3	3	73.0	
	380	150	4	4	232	—	1 660	2 520	1 300	1 900	<b>NU3336</b>	—	—	—	—	196	196	227	235	—	364	—	—	3	3	84.4	
190	290	46	2.1	2.1	215	—	366	530	2 100	2 500	<b>NU1038</b>	—	<b>NUP1038</b>	—	—	201	201	213	219	—	279	—	—	2	2	10.9	
	340	55	4	4	—	299	554	768	1 700	2 000	—	—	—	<b>N238</b>	<b>NF238</b>	206	—	—	—	247	324	324	310	3	3	(21.5)	
	340	55	4	4	230	—	694	954	1 700	2 000	<b>NU238R</b>	<b>NJ238R</b>	<b>NUP238R</b>	—	—	206	206	227	234	247	324	—	—	3	3	23.3	
	340	92	4	4	231	—	828	1 290	1 500	2 000	<b>NU2238</b>	<b>NJ2238</b>	<b>NUP2238</b>	—	—	206	206	227	234	247	324	—	—	3	3	37.0	

[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.

Single-row cylindrical roller bearings

d (190) ~ (240) mm



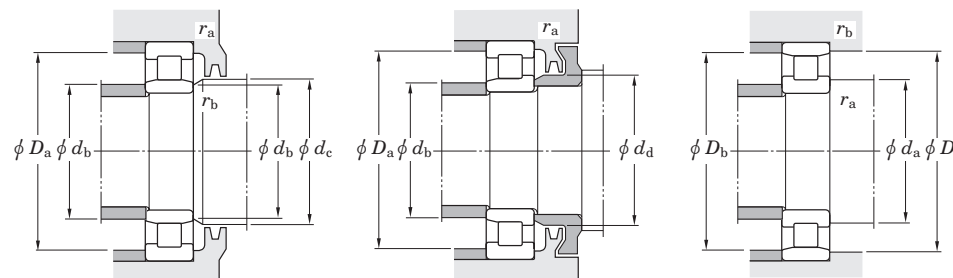
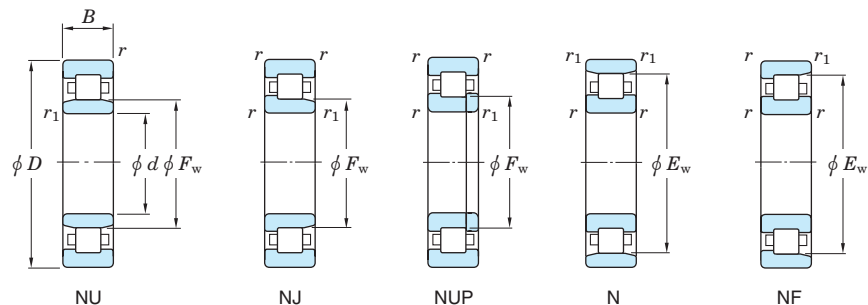
Boundary dimensions (mm)			Basic load ratings (kN)		Limiting speeds (min <sup>-1</sup> )		Bearing No.					Mounting dimensions (mm)								(Refer.) Mass NU (N) (kg)						
d	D	B	r min.	r1 min.	Fw	Ew	Cr	C0r	Grease lub.	Oil lub.	NU	NJ	NUP	N	NF	da min.	db min.	db max.	dc min.		da min.	Da max.	Db max.	rb min.	ra max.	rb max.
190	340	92	4	4	228	—	1 100	1 670	1 500	2 000	<b>NU2238R</b>	<b>NJ2238R</b>	<b>NUP2238R</b>	—	—	206	206	227	234	247	324	—	—	3	3	37.0
	340	120	4	4	231	—	1 310	1 930	1 300	2 000	<b>NU3238</b>	—	—	—	—	206	206	227	234	—	324	—	—	3	3	46.8
	400	78	5	5	245	345	987	1 260	1 300	1 800	<b>NU338</b>	<b>NJ338</b>	<b>NUP338</b>	<b>N338</b>	<b>NF338</b>	210	210	240	248	268	380	380	349	4	4	49.9
	400	132	5	5	245	—	1 520	2 220	1 200	1 800	<b>NU2338</b>	<b>NJ2338</b>	<b>NUP2338</b>	—	—	210	210	240	248	268	380	—	—	4	4	84.7
	400	155	5	5	245	—	1 870	2 910	1 200	1 800	<b>NU3338</b>	—	—	—	—	210	210	240	248	—	380	—	—	4	4	96.5
200	310	51	2.1	2.1	229	—	388	582	1 900	2 300	<b>NU1040</b>	—	<b>NUP1040</b>	—	—	211	211	226	233	—	299	—	—	2	2	14.1
	360	58	4	4	—	316	618	865	1 600	1 900	—	—	—	<b>N240</b>	<b>NF240</b>	216	—	—	—	261	344	344	328	3	3	(25.7)
	360	58	4	4	243	—	766	1 060	1 600	1 900	<b>NU240R</b>	<b>NJ240R</b>	<b>NUP240R</b>	—	—	216	216	240	247	261	344	—	—	3	3	27.2
	360	98	4	4	244	—	946	1 490	1 400	1 900	<b>NU2240</b>	<b>NJ2240</b>	<b>NUP2240</b>	—	—	216	216	240	247	261	344	—	—	3	3	44.4
	360	98	4	4	241	—	1 220	1 870	1 400	1 900	<b>NU2240R</b>	<b>NJ2240R</b>	<b>NUP2240R</b>	—	—	216	216	240	247	261	344	—	—	3	3	44.4
	360	128	4	4	244	—	1 200	2 020	1 300	1 900	<b>NU3240</b>	—	—	—	—	216	216	240	247	—	344	—	—	3	3	56.2
	420	80	5	5	260	360	987	1 270	1 200	1 700	<b>NU340</b>	<b>NJ340</b>	<b>NUP340</b>	<b>N340</b>	<b>NF340</b>	220	220	254	263	283	400	400	364	4	4	56.2
	420	138	5	5	260	—	1 520	2 240	1 100	1 700	<b>NU2340</b>	<b>NJ2340</b>	<b>NUP2340</b>	—	—	220	220	254	263	283	400	—	—	4	4	97.4
	420	165	5	5	260	—	1 870	2 930	1 100	1 700	<b>NU3340</b>	—	—	—	—	220	220	250	258	—	400	—	—	4	4	113
220	340	56	3	3	250	—	507	748	1 700	2 000	<b>NU1044</b>	—	<b>NUP1044</b>	—	—	233	233	248	254	—	327	—	—	2.5	2.5	18.5
	400	65	4	4	270	350	766	1 080	1 400	1 700	<b>NU244</b>	<b>NJ244</b>	<b>NUP244</b>	<b>N244</b>	<b>NF244</b>	236	236	266	273	289	384	384	362	3	3	38.5
	400	108	4	4	270	—	1 130	1 810	1 200	1 700	<b>NU2244</b>	<b>NJ2244</b>	—	—	—	236	236	266	273	289	384	—	—	3	3	60.9
	400	144	4	4	270	—	1 630	2 880	1 100	1 700	<b>NU3244</b>	—	—	—	—	236	236	266	273	—	384	—	—	3	3	78.8
	460	88	5	5	284	396	1 200	1 570	1 100	1 500	<b>NU344</b>	<b>NJ344</b>	<b>NUP344</b>	<b>N344</b>	<b>NF344</b>	240	240	279	287	309	440	440	400	4	4	74.4
	460	145	5	5	284	—	1 810	2 690	990	1 500	<b>NU2344</b>	—	<b>NUP2344</b>	—	—	240	240	276	287	—	440	—	—	4	4	119
	460	180	5	5	284	—	2 130	3 300	990	1 500	<b>NU3344</b>	—	—	—	—	240	240	279	287	—	440	—	—	4	4	148
240	360	56	3	3	270	—	535	822	1 600	1 900	<b>NU1048</b>	—	<b>NUP1048</b>	—	—	253	253	268	275	—	347	—	—	2.5	2.5	20.1
	440	72	4	4	295	385	949	1 340	1 200	1 500	<b>NU248</b>	<b>NJ248</b>	<b>NUP248</b>	<b>N248</b>	<b>NF248</b>	256	256	293	298	316	424	424	397	3	3	52.1
	440	120	4	4	295	—	1 430	2 320	1 100	1 500	<b>NU2248</b>	<b>NJ2248</b>	—	—	—	256	256	293	298	316	424	—	—	3	3	82.5
	440	160	4	4	295	—	1 950	3 460	990	1 500	<b>NU3248</b>	—	—	—	—	256	256	293	298	—	424	—	—	3	3	107
	500	95	5	5	310	430	1 430	1 950	990	1 300	<b>NU348</b>	<b>NJ348</b>	<b>NUP348</b>	<b>N348</b>	<b>NF348</b>	260	260	305	313	337	480	480	434	4	4	94.6
	500	155	5	5	310	—	2 170	3 320	880	1 300	<b>NU2348</b>	—	<b>NUP2348</b>	—	—	260	260	303	313	—	480	—	—	4	4	152

[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.

Single-row cylindrical roller bearings

$d$  (240) ~ 460 mm



Boundary dimensions (mm)							Basic load ratings (kN)		Limiting speeds (min <sup>-1</sup> )		Bearing No.					Mounting dimensions (mm)								(Refer.) Mass NU (N) (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	$d_a$ min.	$d_b$ min.	$d_b$ max.	$d_c$ min.	$d_d$ min.	$D_a$ max.	$D_b$ max.	$r_a$ min.		$r_b$ max.	
<b>240</b>	500	195	5	5	310	—	2 540	4 070	880	1 300	<b>NU3348</b>	—	—	—	—	260	260	305	313	—	480	—	—	4	4	189
<b>260</b>	400	65	4	4	296	—	651	979	1 400	1 700	<b>NU1052</b>	—	<b>NUP1052</b>	—	—	276	276	292	300	—	384	—	—	3	3	29.2
	480	80	5	5	320	420	1 100	1 580	1 100	1 300	<b>NU252</b>	<b>NJ252</b>	<b>NUP252</b>	<b>N252</b>	<b>NF252</b>	280	280	318	323	343	460	460	432	4	4	69.0
	480	130	5	5	320	—	1 790	2 950	990	1 300	<b>NU2252</b>	<b>NJ2252</b>	—	—	—	280	280	318	323	343	460	—	—	4	4	107
	480	174	5	5	320	—	2 140	3 680	880	1 300	<b>NU3252</b>	—	—	—	—	280	280	318	323	—	460	—	—	4	4	139
	540	165	6	6	336	—	2 430	3 750	790	1 200	<b>NU2352</b>	—	<b>NUP2352</b>	—	—	284	284	327	339	—	516	—	—	5	5	185
	540	206	6	6	336	—	2 940	4 790	790	1 200	<b>NU3352</b>	—	—	—	—	284	284	330	339	—	516	—	—	5	5	232
<b>280</b>	420	65	4	4	316	—	669	1 030	1 300	1 500	<b>NU1056</b>	—	<b>NUP1056</b>	—	—	296	296	313	320	—	404	—	—	3	3	35.2
	500	80	5	5	340	440	1 140	1 680	1 000	1 200	<b>NU256</b>	<b>NJ256</b>	<b>NUP256</b>	<b>N256</b>	<b>NF256</b>	300	300	336	343	365	480	480	452	4	4	72.7
<b>300</b>	460	74	4	4	340	—	890	1 380	1 200	1 400	<b>NU1060</b>	—	<b>NUP1060</b>	—	—	316	316	337	344	—	444	—	—	3	3	44.1
	540	85	5	5	364	476	1 350	1 960	920	1 100	<b>NU260</b>	<b>NJ260</b>	<b>NUP260</b>	<b>N260</b>	<b>NF260</b>	320	320	361	368	392	520	520	487	4	4	90.7
<b>320</b>	480	74	4	4	360	—	913	1 450	1 100	1 300	<b>NU1064</b>	—	<b>NUP1064</b>	—	—	336	336	356	365	—	464	—	—	3	3	48.4
	580	92	5	5	390	510	1 540	2 270	840	1 000	<b>NU264</b>	<b>NJ264</b>	<b>NUP264</b>	<b>N264</b>	<b>NF264</b>	340	340	386	393	419	560	560	522	4	4	114
	670	112	7.5	7.5	425	—	1 970	2 880	650	870	<b>NU364</b>	—	—	—	—	352	352	419	428	—	638	638	575	6	6	199
<b>340</b>	520	82	5	5	385	—	1 090	1 750	980	1 200	<b>NU1068</b>	—	<b>NUP1068</b>	—	—	360	360	381	390	—	500	—	—	4	4	64.1
<b>360</b>	540	82	5	5	405	—	1 120	1 830	920	1 100	<b>NU1072</b>	—	<b>NUP1072</b>	—	—	380	380	401	410	—	520	—	—	4	4	67.1
<b>380</b>	560	82	5	5	425	—	1 150	1 920	860	1 000	<b>NU1076</b>	—	<b>NUP1076</b>	—	—	400	400	421	430	—	540	—	—	4	4	70.1
<b>400</b>	600	90	5	5	450	—	1 400	2 310	780	920	<b>NU1080</b>	—	<b>NUP1080</b>	—	—	420	420	446	455	—	580	—	—	4	4	91.0
<b>420</b>	620	90	5	5	470	—	1 390	2 320	730	860	<b>NU1084</b>	—	<b>NUP1084</b>	—	—	440	440	466	475	—	600	—	—	4	4	94.6
<b>440</b>	650	94	6	6	493	—	1 490	2 520	680	800	<b>NU1088</b>	—	<b>NUP1088</b>	—	—	464	464	489	498	—	626	—	—	5	5	109
<b>460</b>	680	100	6	6	516	—	1 590	2 730	630	750	<b>NU1092</b>	—	<b>NUP1092</b>	—	—	484	484	512	520	—	656	—	—	5	5	127

(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.