



Ball & Roller Bearings



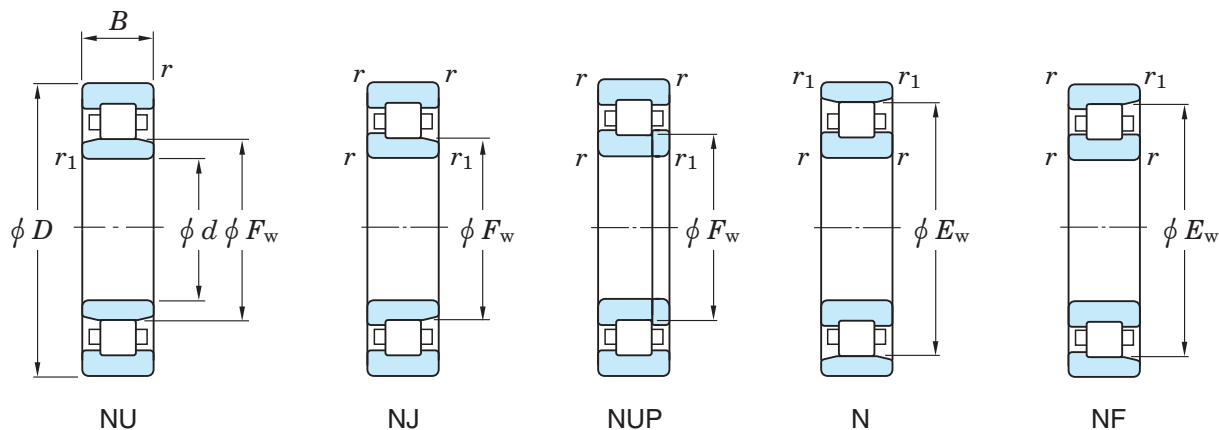
JTEKT

JTEKT CORPORATION

CAT. NO. B2001E-3

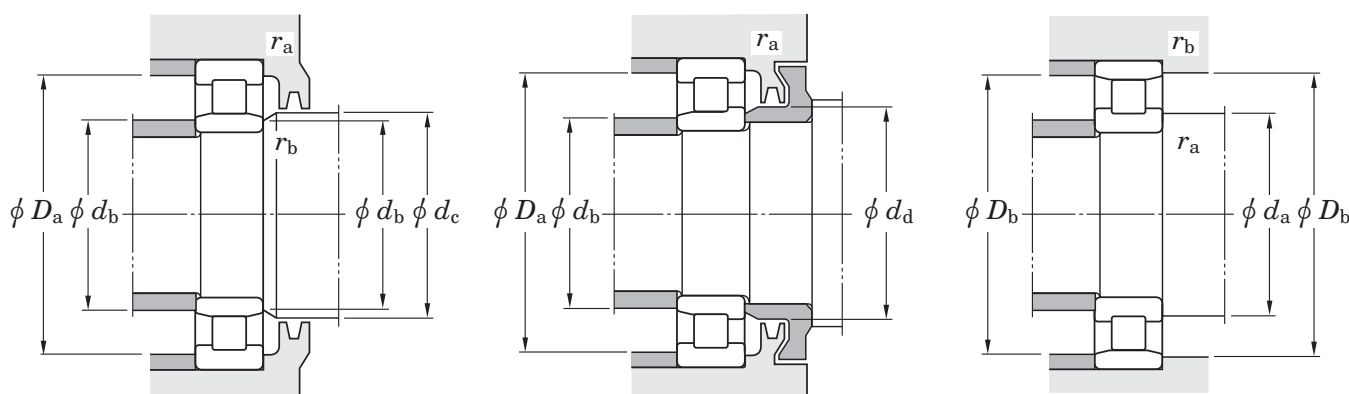
Single-row cylindrical roller bearings

d 20 ~ (30) mm



Boundary dimensions (mm)							Basic load ratings (kN)		Limiting speeds (min ⁻¹)		Bearing No.	
d	D	B	$r_{\min.}$	$r_{1\min.}$	F_w	E_w	C_r	C_{0r}	Grease lub.	Oil lub.	NU	NJ
20	47	14	1	0.6	27	40	15.4	12.7	15 000	18 000	NU204	NJ204
	47	14	1	0.6	26.5	—	25.7	22.6	15 000	18 000	NU204R	NJ204R
	47	18	1	0.6	27	—	20.7	18.4	13 000	18 000	NU2204	NJ2204
	47	18	1	0.6	26.5	—	30.6	28.3	13 000	18 000	NU2204R	NJ2204R
	52	15	1.1	0.6	28.5	44.5	23.1	19.2	12 000	16 000	NU304	NJ304
	52	15	1.1	0.6	27.5	—	31.5	26.9	12 000	16 000	NU304R	NJ304R
	52	21	1.1	0.6	28.5	—	32.9	30.2	11 000	16 000	NU2304	NJ2304
	52	21	1.1	0.6	27.5	—	42.0	38.8	11 000	16 000	NU2304R	NJ2304R
25	47	12	0.6	0.3	30.5	—	14.3	13.1	15 000	18 000	NU1005	—
	52	15	1	0.6	32	45	17.7	15.7	13 000	16 000	NU205	NJ205
	52	15	1	0.6	31.5	—	29.3	27.7	13 000	15 000	NU205R	NJ205R
	52	18	1	0.6	32	—	23.7	22.8	12 000	16 000	NU2205	NJ2205
	52	18	1	0.6	31.5	—	34.9	34.6	12 000	15 000	NU2205R	NJ2205R
	62	17	1.1	1.1	35	53	29.3	25.2	10 000	14 000	NU305	NJ305
	62	17	1.1	1.1	34	—	41.6	37.4	10 000	14 000	NU305R	NJ305R
	62	24	1.1	1.1	35	—	42.7	40.9	9 100	14 000	NU2305	NJ2305
	62	24	1.1	1.1	34	—	57.0	56.1	9 100	14 000	NU2305R	NJ2305R
30	55	13	1	0.6	36.5	—	18.7	18.4	13 000	15 000	NU1006	—
	62	16	1	0.6	38.5	53.5	23.5	21.5	11 000	13 000	NU206	NJ206
	62	16	1	0.6	37.5	—	39.1	37.4	11 000	13 000	NU206R	NJ206R
	62	20	1	0.6	38.5	—	32.9	33.1	9 800	13 000	NU2206	NJ2206
	62	20	1	0.6	37.5	—	48.9	49.8	9 700	13 000	NU2206R	NJ2206R
	62	23.8	1	1	38.5	—	42.7	46.4	8 700	13 000	NU3206	—
	72	19	1.1	1.1	42	62	38.6	35.2	8 700	12 000	NU306	NJ306
	72	19	1.1	1.1	40.5	—	53.1	50.2	8 700	12 000	NU306R	NJ306R
	72	27	1.1	1.1	42	—	51.4	50.8	7 700	12 000	NU2306	NJ2306
	72	27	1.1	1.1	40.5	—	74.6	77.6	7 800	12 000	NU2306R	NJ2306R

[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.

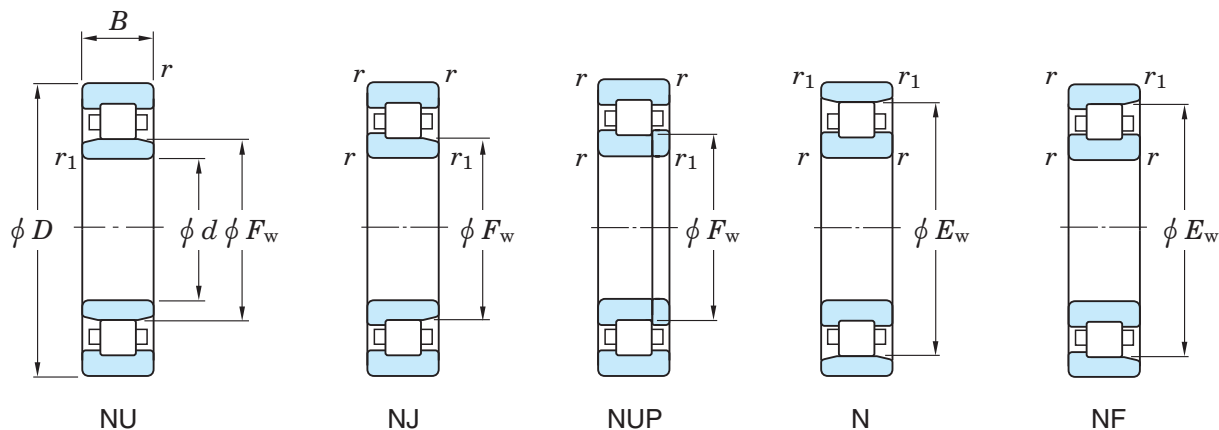


			Mounting dimensions (mm)										(Refer.) Mass NU (kg)
NUP	N	NF	d_a min.	d_b min.	d_b max.	d_c min.	d_d min.	D_a max.	D_b max.	D_b min.	r_a max.	r_b max.	
NUP204	N204	NF204	25	24	26	29	32	42	43	42	1	0.6	0.108
NUP204R	—	—	25	24	26	29	32	42	—	—	1	0.6	0.112
NUP2204	—	—	25	24	26	29	32	42	—	—	1	0.6	0.146
NUP2204R	—	—	25	24	26	29	32	42	—	—	1	0.6	0.146
NUP304	N304	NF304	26.5	24	27	30	33	45.5	48	45.5	1	0.6	0.147
NUP304R	—	—	26.5	24	27	30	33	45.5	—	—	1	0.6	0.153
NUP2304	—	—	26.5	24	27	30	33	45.5	—	—	1	0.6	0.212
NUP2304R	—	—	26.5	24	27	30	33	45.5	—	—	1	1	0.215
NUP1005	—	—	29	27	30	32	—	43	—	—	0.6	0.3	0.084
NUP205	N205	NF205	30	29	31	34	37	47	48	47	1	0.6	0.132
NUP205R	—	—	30	29	31	34	37	47	—	—	1	0.6	0.138
NUP2205	—	—	30	29	31	34	37	47	—	—	1	0.6	0.163
NUP2205R	—	—	30	29	31	34	37	47	—	—	1	0.6	0.166
NUP305	N305	NF305	31.5	31.5	33	37	40	55.5	55.5	55	1	1	0.241
NUP305R	—	—	31.5	31.5	33	37	40	55.5	—	—	1	1	0.243
NUP2305	—	—	31.5	31.5	33	37	40	55.5	—	—	1	1	0.340
NUP2305R	—	—	31.5	31.5	33	37	40	55.5	—	—	1	1	0.350
NUP1006	—	—	35	34	35	38	—	50	—	—	1	0.6	0.121
NUP206	N206	NF206	35	34	37	40	44	57	58	56	1	0.6	0.200
NUP206R	—	—	35	34	37	40	44	57	—	—	1	0.6	0.209
NUP2206	—	—	35	34	37	40	44	57	—	—	1	0.6	0.262
NUP2206R	—	—	35	34	37	40	44	57	—	—	1	0.6	0.262
—	—	—	35	35	37	40	—	57	—	—	1	0.6	0.343
NUP306	N306	NF306	36.5	36.5	40	44	48	65.5	65.5	64	1	1	0.358
NUP306R	—	—	36.5	36.5	40	44	48	65.5	—	—	1	1	0.361
NUP2306	—	—	36.5	36.5	40	44	48	65.5	—	—	1	1	0.500
NUP2306R	—	—	36.5	36.5	40	44	48	65.5	—	—	1	1	0.534

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.

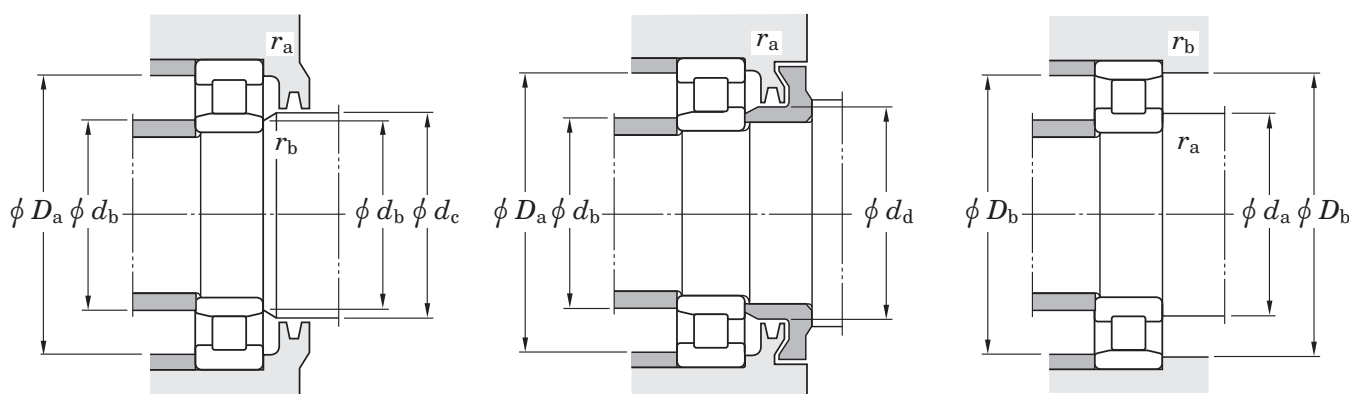
Single-row cylindrical roller bearings

d (30) ~ (45) mm



Boundary dimensions (mm)							Basic load ratings (kN)		Limiting speeds (min ⁻¹)		Bearing No.	
d	D	B	$r_{\min.}$	$r_{1\min.}$	F_w	E_w	C_r	C_{0r}	Grease lub.	Oil lub.	NU	NJ
30	72	30.2	1.1	1.1	42	—	69.1	74.3	7 700	12 000	NU3306	—
	90	23	1.5	1.5	45	73	62.8	55.0	7 600	10 000	NU406	NJ406
35	62	14	1	0.6	42	—	22.6	23.2	11 000	13 000	NU1007	—
	72	17	1.1	0.6	43.8	61.8	33.6	31.5	9 500	11 000	NU207	NJ207
	72	17	1.1	0.6	44	—	50.2	50.2	9 300	11 000	NU207R	NJ207R
	72	23	1.1	0.6	43.8	—	49.0	51.2	8 500	11 000	NU2207	NJ2207
	72	23	1.1	0.6	44	—	61.6	65.3	8 300	11 000	NU2207R	NJ2207R
	72	27	1.1	1.1	43.8	—	54.8	59.1	7 600	11 000	NU3207	—
	80	21	1.5	1.1	46.2	68.2	49.6	46.9	7 900	10 000	NU307	NJ307
	80	21	1.5	1.1	46.2	—	66.6	65.4	7 700	10 000	NU307R	NJ307R
	80	31	1.5	1.1	46.2	—	64.4	65.7	7 000	10 000	NU2307	NJ2307
	80	31	1.5	1.1	46.2	—	93.1	101	6 900	10 000	NU2307R	NJ2307R
	80	34.9	1.5	1.5	46.2	—	81.7	89.1	7 000	10 000	NU3307	—
	100	25	1.5	1.5	53	83	75.2	68.9	6 600	8 800	NU407	NJ407
40	68	15	1	0.6	47	—	24.9	25.7	10 000	12 000	NU1008	—
	80	18	1.1	1.1	50	70	43.8	42.9	8 300	10 000	NU208	NJ208
	80	18	1.1	1.1	49.5	—	55.7	55.4	8 300	9 900	NU208R	NJ208R
	80	23	1.1	1.1	50	—	58.3	62.0	7 500	10 000	NU2208	NJ2208
	80	23	1.1	1.1	49.5	—	72.3	77.6	7 400	9 900	NU2208R	NJ2208R
	80	30.2	1.1	1.1	50	—	78.3	90.6	6 700	10 000	NU3208	—
	90	23	1.5	1.5	53.5	77.5	58.6	56.9	6 900	9 100	NU308	NJ308
	90	23	1.5	1.5	52	—	83.1	81.5	6 800	9 100	NU308R	NJ308R
	90	33	1.5	1.5	53.5	—	82.2	88.0	6 100	9 100	NU2308	NJ2308
	90	33	1.5	1.5	52	—	114	122	6 100	9 100	NU2308R	NJ2308R
	90	36.5	1.5	1.5	53.5	—	104	119	6 100	9 100	NU3308	—
	110	27	2	2	58	92	97.1	89.1	6 000	8 000	NU408	NJ408
45	75	16	1	0.6	52.5	—	31.0	33.8	9 200	11 000	NU1009	—

[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.

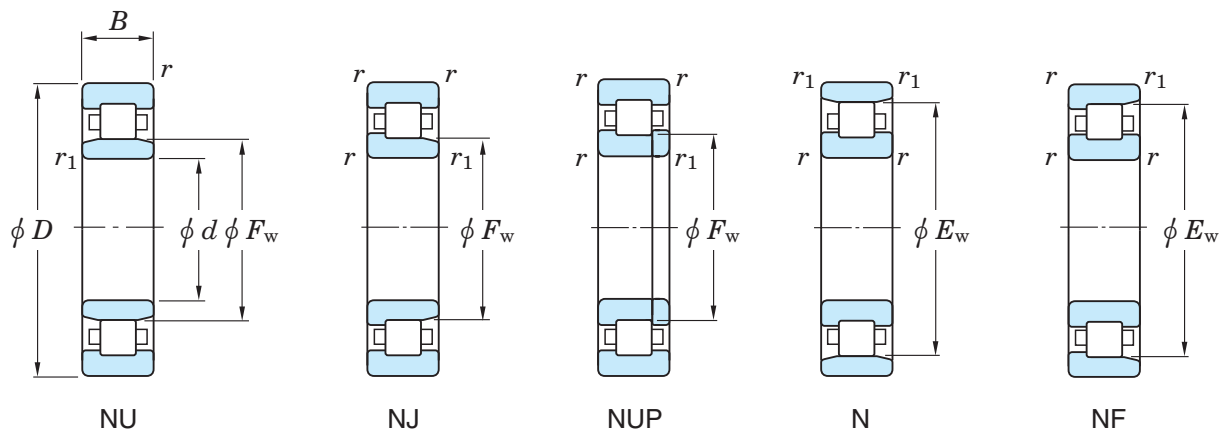


			Mounting dimensions (mm)										(Refer.) Mass NU (kg)
NUP	N	NF	d_a min.	d_b min.	d_b max.	d_c min.	d_d min.	D_a max.	D_b max.	D_b min.	r_a max.	r_b max.	
—	—	—	36.5	36.5	40	44	—	65.5	—	—	1	1	0.650
NUP406	N406	NF406	38	38	44	47	52	82	82	74	1.5	1.5	0.753
NUP1007	—	—	40	39	41	44	—	57	—	—	1	0.5	0.182
NUP207	N207	NF207	41.5	39	43	46	50	65.5	68	64	1	0.6	0.293
NUP207R	—	—	41.5	39	43	46	50	65.5	—	—	1	0.6	0.306
NUP2207	—	—	41.5	39	43	46	50	65.5	—	—	1	0.6	0.402
NUP2207R	—	—	41.5	39	43	46	50	65.5	—	—	1	0.6	0.404
—	—	—	41.5	41.5	43	46	—	65.5	—	—	1	0.6	0.524
NUP307	N307	NF307	43	41.5	45	48	53	72	73.5	71	1.5	1	0.477
NUP307R	—	—	43	41.5	45	48	53	72	—	—	1.5	1	0.482
NUP2307	—	—	43	41.5	45	48	53	72	—	—	1.5	1	0.696
NUP2307R	—	—	43	41.5	45	48	53	72	—	—	1.5	1	0.729
—	—	—	43	43	45	48	—	72	—	—	1.5	1	0.908
NUP407	N407	NF407	43	43	52	55	61	92	92	84	1.5	1.5	1.02
NUP1008	—	—	45	44	46	49	—	63	—	—	1	0.6	0.223
NUP208	N208	NF208	46.5	46.5	49	52	56	73.5	73.5	72	1	1	0.366
NUP208R	—	—	46.5	46.5	49	52	56	73.5	—	—	1	1	0.384
NUP2208	—	—	46.5	46.5	49	52	56	73.5	—	—	1	1	0.490
NUP2208R	—	—	46.5	46.5	49	52	56	73.5	—	—	1	1	0.490
—	—	—	46.5	46.5	49	52	—	73.5	—	—	1	1	0.711
NUP308	N308	NF308	48	48	51	55	60	82	82	80	1.5	1.5	0.657
NUP308R	—	—	48	48	51	55	60	82	—	—	1.5	1.5	0.664
NUP2308	—	—	48	48	51	55	60	82	—	—	1.5	1.5	0.956
NUP2308R	—	—	48	48	51	55	60	82	—	—	1.5	1.5	0.962
—	—	—	48	48	51	55	—	82	—	—	1.5	1.5	1.19
NUP408	N408	NF408	49	49	57	60	67	101	101	93	2	2	1.30
NUP1009	—	—	50	49	52	54	—	70	—	—	1	0.6	0.289

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.

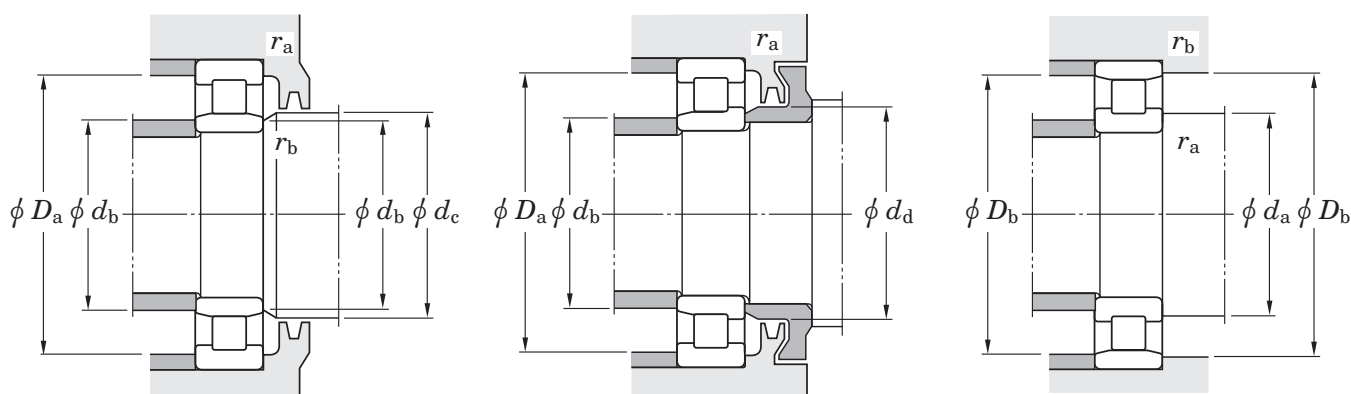
Single-row cylindrical roller bearings

d (45) ~ (55) mm



Boundary dimensions (mm)							Basic load ratings (kN)		Limiting speeds (min ⁻¹)		Bearing No.	
d	D	B	r min.	r_1 min.	F_w	E_w	C_r	C_{0r}	Grease lub.	Oil lub.	NU	NJ
45	85	19	1.1	1.1	55	75	46.1	46.9	7 700	9 200	NU209	NJ209
	85	19	1.1	1.1	54.5	—	63.1	66.4	7 600	9 200	NU209R	NJ209R
	85	23	1.1	1.1	55	—	61.4	67.8	6 900	9 200	NU2209	NJ2209
	85	23	1.1	1.1	54.5	—	76.1	84.6	6 900	9 200	NU2209R	NJ2209R
	85	30.2	1.1	1.1	55	—	82.4	99.0	6 100	9 200	NU3209	—
	100	25	1.5	1.5	58.5	86.5	78.8	77.5	6 200	8 300	NU309	NJ309
	100	25	1.5	1.5	58.5	—	97.4	98.3	6 100	8 200	NU309R	NJ309R
	100	36	1.5	1.5	58.5	—	106	113	5 500	8 300	NU2309	NJ2309
	100	36	1.5	1.5	58.5	—	137	153	5 400	8 200	NU2309R	NJ2309R
	100	39.7	1.5	1.5	58.5	—	131	149	5 500	8 300	NU3309	—
	120	29	2	2	64.5	100.5	115	112	5 400	7 200	NU409	NJ409
50	80	16	1	0.6	57.5	—	33.6	36.8	8 400	9 900	NU1010	—
	90	20	1.1	1.1	60.4	80.4	48.2	51.0	7 100	8 500	NU210	NJ210
	90	20	1.1	1.1	59.5	—	66.1	71.9	7 100	8 500	NU210R	NJ210R
	90	23	1.1	1.1	60.4	—	64.2	73.6	6 400	8 500	NU2210	NJ2210
	90	23	1.1	1.1	59.5	—	79.7	91.5	6 400	8 500	NU2210R	NJ2210R
	90	30.2	1.1	1.1	60.4	—	86.2	108	5 700	8 500	NU3210	—
	110	27	2	2	65	95	92.2	93.4	5 600	7 500	NU310	NJ310
	110	27	2	2	65	—	110	113	5 500	7 400	NU310R	NJ310R
	110	40	2	2	65	—	128	142	5 000	7 500	NU2310	NJ2310
	110	40	2	2	65	—	163	187	4 900	7 400	NU2310R	NJ2310R
	110	44.4	2	2	65	—	156	183	5 000	7 500	NU3310	—
	130	31	2.1	2.1	70.8	110.8	139	136	4 900	6 600	NU410	NJ410
55	90	18	1.1	1	64.5	—	37.4	43.8	7 600	8 900	NU1011	—
	100	21	1.5	1.1	66.5	88.5	58.0	62.3	6 400	7 700	NU211	NJ211
	100	21	1.5	1.1	66	—	86.4	98.7	6 400	7 700	NU211R	NJ211R
	100	25	1.5	1.1	66.5	—	75.3	87.2	5 800	7 700	NU2211	NJ2211

[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.

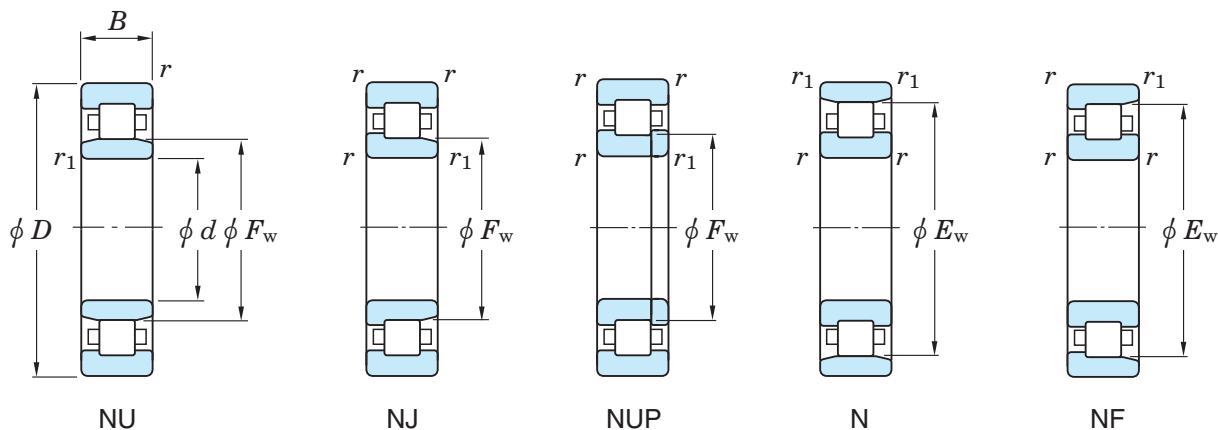


NUP	N	NF	Mounting dimensions (mm)										(Refer.) Mass NU (kg)
			d_a min.	d_b min.	d_b max.	d_c min.	d_d min.	D_a max.	D_b max.	D_b min.	r_a max.	r_b max.	
NUP209	N209	NF209	51.5	51.5	54	57	61	78.5	78.5	77	1	1	0.427
NUP209R	—	—	51.5	51.5	54	57	61	78.5	—	—	1	1	0.439
NUP2209	—	—	51.5	51.5	54	57	61	78.5	—	—	1	1	0.536
NUP2209R	—	—	51.5	51.5	54	57	61	78.5	—	—	1	1	0.536
—	—	—	51.5	51.5	54	57	—	78.5	—	—	1	1	0.770
NUP309	N309	NF309	53	53	57	60	66	92	92	89	1.5	1.5	0.870
NUP309R	—	—	53	53	57	60	66	92	—	—	1.5	1.5	0.909
NUP2309	—	—	53	53	57	60	66	92	—	—	1.5	1.5	1.25
NUP2309R	—	—	53	53	57	60	66	92	—	—	1.5	1.5	1.32
—	—	—	53	53	57	60	—	92	—	—	1.5	1.5	1.59
NUP409	N409	NF409	54	54	63	66	74	111	111	102	2	2	1.64
NUP1010	—	—	55	54	57	59	—	75	—	—	1	0.6	0.306
NUP210	N210	NF210	56.5	56.5	58	62	67	83.5	83.5	82	1	1	0.479
NUP210R	—	—	56.5	56.5	58	62	67	83.5	—	—	1	1	0.497
NUP2210	—	—	56.5	56.5	58	62	67	83.5	—	—	1	1	0.580
NUP2210R	—	—	56.5	56.5	58	62	67	83.5	—	—	1	1	0.580
—	—	—	56.5	56.5	58	62	—	83.5	—	—	1	1	0.829
NUP310	N310	NF310	59	59	63	67	73	101	101	98	2	2	1.15
NUP310R	—	—	59	59	63	67	73	101	—	—	2	2	1.15
NUP2310	—	—	59	59	63	67	73	101	—	—	2	2	1.69
NUP2310R	—	—	59	59	63	67	73	101	—	—	2	2	1.76
—	—	—	59	59	63	67	—	101	—	—	2	2	2.14
NUP410	N410	NF410	61	61	69	73	81	119	119	112	2	2	2.01
NUP1011	—	—	61.5	60	63	66	—	83.5	—	—	1	1	0.445
NUP211	N211	NF211	63	61.5	65	68	73	92	93.5	91	1.5	1	0.640
NUP211R	—	—	63	61.5	65	68	73	92	—	—	1.5	1	0.650
NUP2211	—	—	63	61.5	65	68	73	92	—	—	1.5	1	0.780

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.

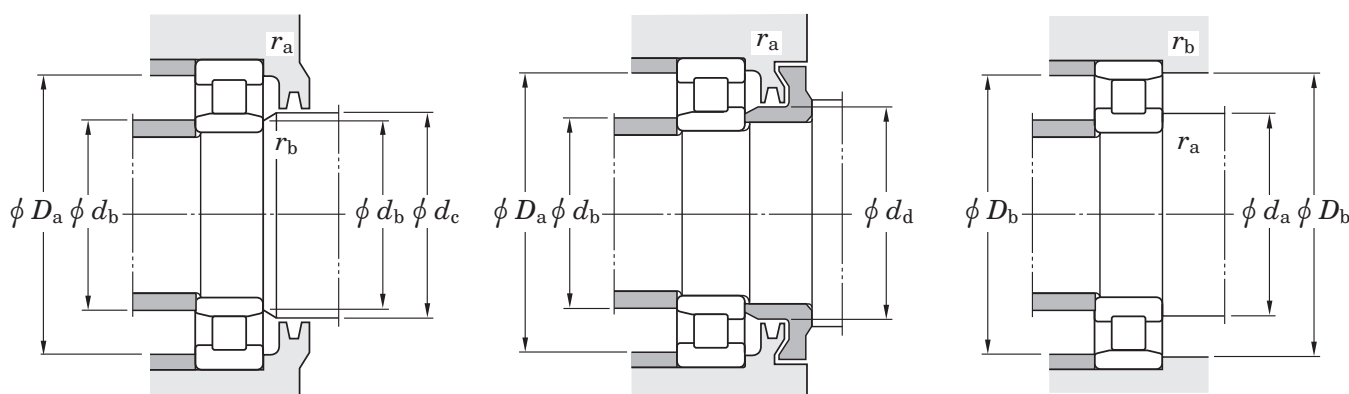
Single-row cylindrical roller bearings

d (55) ~ (65) mm



Boundary dimensions (mm)							Basic load ratings (kN)		Limiting speeds (min ⁻¹)		Bearing No.	
d	D	B	$r_{\min.}$	$r_{1\min.}$	F_w	E_w	C_r	C_{0r}	Grease lub.	Oil lub.	NU	NJ
55	100	25	1.5	1.1	66	—	101	122	5 800	7 700	NU2211R	NJ2211R
	100	33.3	1.5	1.5	66.5	—	95.5	118	5 100	7 700	NU3211	—
	120	29	2	2	70.5	104.5	111	111	5 100	6 800	NU311	NJ311
	120	29	2	2	70.5	—	137	143	5 100	6 700	NU311R	NJ311R
	120	43	2	2	70.5	—	148	162	4 500	6 800	NU2311	NJ2311
	120	43	2	2	70.5	—	201	233	4 500	6 700	NU2311R	NJ2311R
	120	49.2	2	2	70.5	—	188	220	4 500	6 800	NU3311	—
	140	33	2.1	2.1	77.2	117.2	142	138	4 600	6 100	NU411	NJ411
60	95	18	1.1	1	69.5	—	42.1	50.0	7 000	8 300	NU1012	—
	110	22	1.5	1.5	73.5	97.5	71.9	79.9	5 800	7 000	NU212	NJ212
	110	22	1.5	1.5	72	—	97.7	107	5 800	6 900	NU212R	NJ212R
	110	28	1.5	1.5	73.5	—	101	123	5 200	7 000	NU2212	NJ2212
	110	28	1.5	1.5	72	—	131	157	5 200	6 900	NU2212R	NJ2212R
	110	36.5	1.5	1.5	73.5	—	128	167	4 700	7 000	NU3212	—
	130	31	2.1	2.1	77	113	124	126	4 700	6 300	NU312	NJ312
	130	31	2.1	2.1	77	—	150	157	4 600	6 200	NU312R	NJ312R
	130	46	2.1	2.1	77	—	168	188	4 200	6 300	NU2312	NJ2312
	130	46	2.1	2.1	77	—	223	262	4 100	6 200	NU2312R	NJ2312R
	130	54	2.1	2.1	77	—	220	265	4 200	6 300	NU3312	—
	150	35	2.1	2.1	83	127	178	184	4 200	5 700	NU412	NJ412
65	100	18	1.1	1	74.5	—	43.3	52.9	6 600	7 800	NU1013	—
	120	23	1.5	1.5	79.6	105.6	83.8	94.4	5 400	6 400	NU213	NJ213
	120	23	1.5	1.5	78.5	—	108	119	5 300	6 400	NU213R	NJ213R
	120	31	1.5	1.5	79.6	—	120	149	4 800	6 400	NU2213	NJ2213
	120	31	1.5	1.5	78.5	—	149	181	4 800	6 400	NU2213R	NJ2213R
	120	38.1	1.5	1.5	79.6	—	148	197	4 300	6 400	NU3213	—
	140	33	2.1	2.1	83.5	121.5	137	139	4 300	5 800	NU313	NJ313

[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.

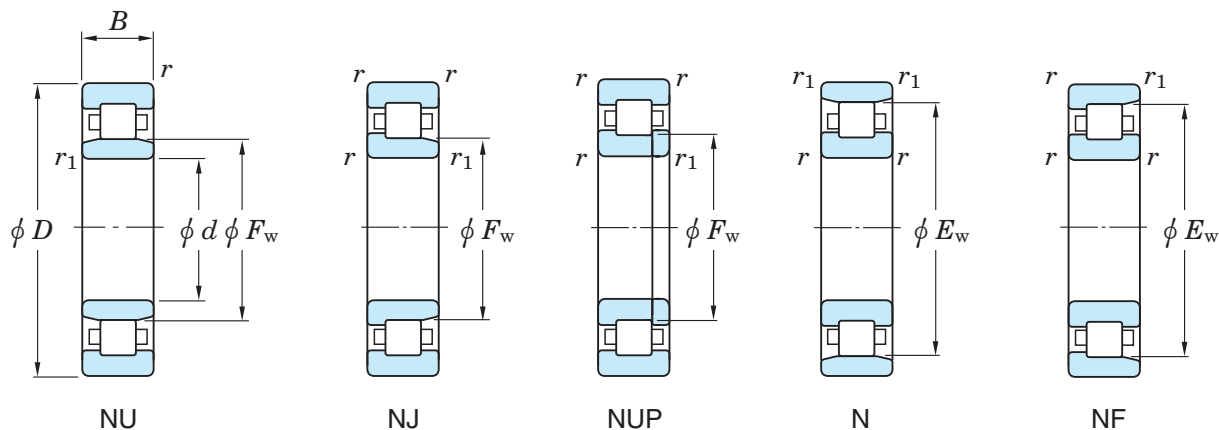


NUP	N	NF	Mounting dimensions (mm)										(Refer.) Mass NU (kg)
			d_a min.	d_b min.	d_b max.	d_c min.	d_d min.	D_a max.	D_b max.	d_b min.	r_a max.	r_b max.	
NUP2211R	—	—	63	61.5	65	68	73	92	—	—	1.5	1	0.806
—	—	—	63	63	65	68	—	92	—	—	1.5	1	1.14
NUP311	N311	NF311	64	64	69	72	80	111	111	107	2	2	1.44
NUP311R	—	—	64	64	69	72	80	111	—	—	2	2	1.50
NUP2311	—	—	64	64	69	72	80	111	—	—	2	2	2.10
NUP2311R	—	—	64	64	69	72	80	111	—	—	2	2	2.25
—	—	—	64	64	69	72	—	111	—	—	2	2	2.81
NUP411	N411	NF411	66	66	76	79	87	129	129	119	2	2	2.51
NUP1012	—	—	66.5	65	68	71	—	88.5	—	—	1	1	0.477
NUP212	N212	NF212	68	68	71	75	80	102	102	100	1.5	1.5	0.823
NUP212R	—	—	68	68	71	75	80	102	—	—	1.5	1.5	0.830
NUP2212	—	—	68	68	71	75	80	102	—	—	1.5	1.5	1.07
NUP2212R	—	—	68	68	71	75	80	102	—	—	1.5	1.5	1.09
—	—	—	68	68	71	75	—	102	—	—	1.5	1.5	1.52
NUP312	N312	NF312	71	71	75	79	86	119	119	116	2	2	1.83
NUP312R	—	—	71	71	75	79	86	119	—	—	2	2	1.87
NUP2312	—	—	71	71	75	79	86	119	—	—	2	2	2.69
NUP2312R	—	—	71	71	75	79	86	119	—	—	2	2	2.81
—	—	—	71	71	75	79	—	119	—	—	2	2	3.61
NUP412	N412	NF412	71	71	82	85	94	139	139	128	2	2	3.02
NUP1013	—	—	71.5	70	73	76	—	93.5	—	—	1	1	0.506
NUP213	N213	NF213	73	73	77	81	87	112	112	108	1.5	1.5	1.05
NUP213R	—	—	73	73	77	81	87	112	—	—	1.5	1.5	1.05
NUP2213	—	—	73	73	77	81	87	112	—	—	1.5	1.5	1.43
NUP2213R	—	—	73	73	77	81	87	112	—	—	1.5	1.5	1.45
—	—	—	73	73	77	81	—	112	—	—	1.5	1.5	1.90
NUP313	N313	NF313	76	76	81	85	93	129	129	125	2	2	2.24

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.

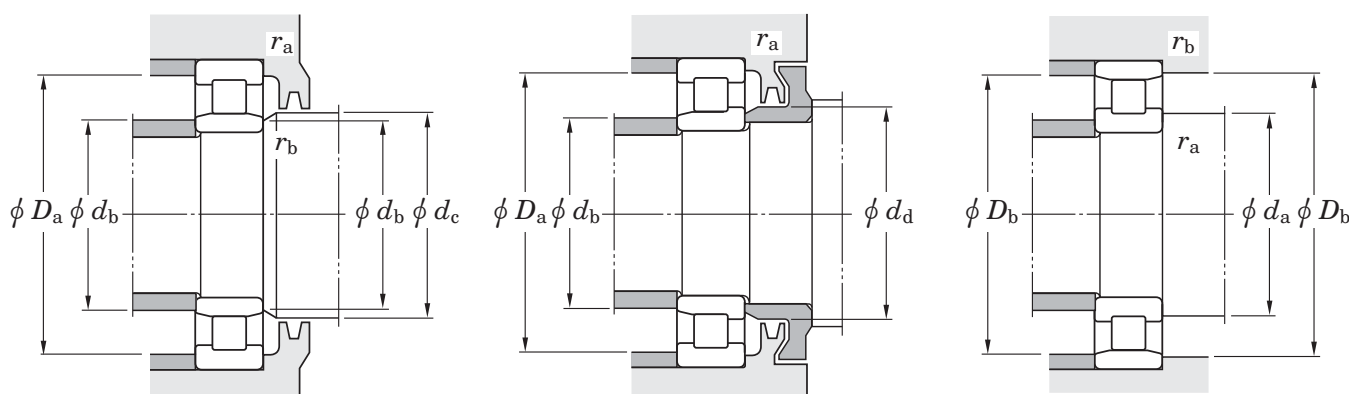
Single-row cylindrical roller bearings

d (65) ~ (75) mm



Boundary dimensions (mm)							Basic load ratings (kN)		Limiting speeds (min ⁻¹)		Bearing No.	
d	D	B	$r_{\min.}$	$r_{1\min.}$	F_w	E_w	C_r	C_{0r}	Grease lub.	Oil lub.	NU	NJ
65	140	33	2.1	2.1	82.5	—	181	191	4 300	5 700	NU313R	NJ313R
	140	48	2.1	2.1	83.5	—	190	212	3 900	5 800	NU2313	NJ2313
	140	48	2.1	2.1	82.5	—	251	287	3 800	5 700	NU2313R	NJ2313R
	140	58.7	2.1	2.1	83.5	—	241	294	3 900	5 800	NU3313	—
	160	37	2.1	2.1	89.3	135.3	198	203	4 000	5 300	NU413	NJ413
70	110	20	1.1	1	80	—	57.9	70.4	6 100	7 200	NU1014	—
	125	24	1.5	1.5	84.5	110.5	83.3	95.2	5 100	6 100	NU214	NJ214
	125	24	1.5	1.5	83.5	—	119	137	5 000	6 000	NU214R	NJ214R
	125	31	1.5	1.5	84.5	—	119	151	4 600	6 100	NU2214	NJ2214
	125	31	1.5	1.5	83.5	—	156	194	4 500	6 000	NU2214R	NJ2214R
	125	39.7	1.5	1.5	84.5	—	147	198	4 100	6 100	NU3214	—
	150	35	2.1	2.1	90	130	162	168	4 000	5 400	NU314	NJ314
	150	35	2.1	2.1	89	—	205	222	4 000	5 300	NU314R	NJ314R
	150	51	2.1	2.1	90	—	224	262	3 600	5 400	NU2314	NJ2314
	150	51	2.1	2.1	89	—	275	323	3 600	5 300	NU2314R	NJ2314R
	150	63.5	2.1	2.1	90	—	283	356	3 600	5 400	NU3314	—
	180	42	3	3	100	152	246	257	3 500	4 700	NU414	NJ414
75	115	20	1.1	1	85	—	63.6	78.1	5 700	6 800	NU1015	—
	130	25	1.5	1.5	88.5	116.5	101	118	4 800	5 800	NU215	NJ215
	130	25	1.5	1.5	88.5	—	130	156	4 800	5 700	NU215R	NJ215R
	130	31	1.5	1.5	88.5	—	135	172	4 300	5 800	NU2215	NJ2215
	130	31	1.5	1.5	88.5	—	162	207	4 300	5 700	NU2215R	NJ2215R
	130	41.3	1.5	1.5	88.5	—	167	226	3 900	5 800	NU3215	—
	160	37	2.1	2.1	95.5	139.5	194	205	3 800	5 000	NU315	NJ315
	160	37	2.1	2.1	95	—	240	263	3 700	5 000	NU315R	NJ315R
	160	55	2.1	2.1	95.5	—	275	327	3 400	5 000	NU2315	NJ2315
	160	55	2.1	2.1	95	—	329	395	3 300	5 000	NU2315R	NJ2315R

[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.

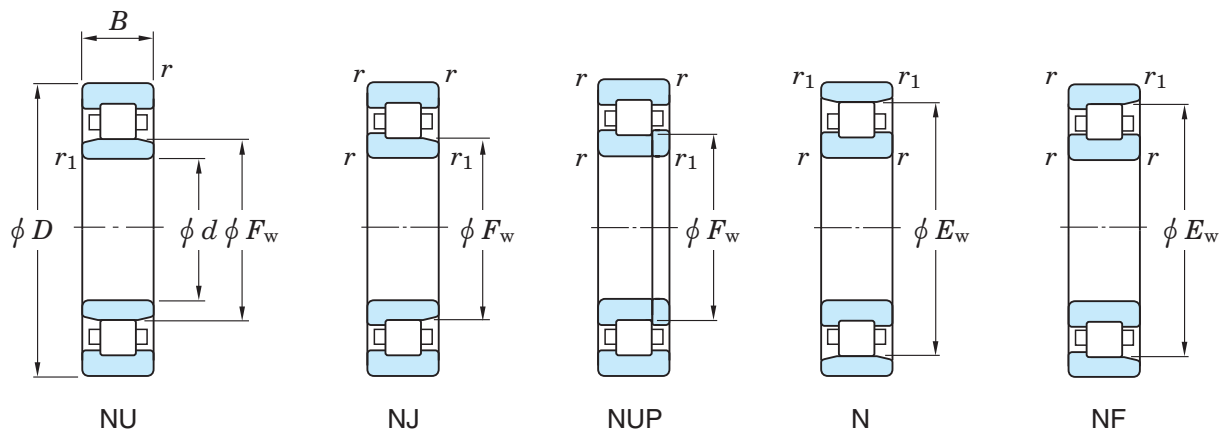


			Mounting dimensions (mm)										(Refer.) Mass NU (kg)
NUP	N	NF	d_a min.	d_b min.	d_b max.	d_c min.	d_d min.	D_a max.	D_b max.	D_b min.	r_a max.	r_b max.	
NUP313R	—	—	76	76	81	85	93	129	—	—	2	2	2.31
NUP2313	—	—	76	76	81	85	93	129	—	—	2	2	3.25
NUP2313R	—	—	76	76	81	85	93	129	—	—	2	2	3.36
—	—	—	76	76	81	85	—	129	—	—	2	2	4.53
NUP413	N413	NF413	76	76	88	91	100	149	149	137	2	2	3.58
NUP1014	—	—	76.5	75	78	82	—	103.5	—	—	1	1	0.702
NUP214	N214	NF214	78	78	82	86	92	117	117	114	1.5	1.5	1.15
NUP214R	—	—	78	78	82	86	92	117	—	—	1.5	1.5	1.16
NUP2214	—	—	78	78	82	86	92	117	—	—	1.5	1.5	1.52
NUP2214R	—	—	78	78	82	86	92	117	—	—	1.5	1.5	1.53
—	—	—	78	78	82	86	—	117	—	—	1.5	1.5	2.09
NUP314	N314	NF314	81	81	87	92	100	139	139	134	2	2	2.73
NUP314R	—	—	81	81	87	92	100	139	—	—	2	2	2.81
NUP2314	—	—	81	81	87	92	100	139	—	—	2	2	3.97
NUP2314R	—	—	81	81	87	92	100	139	—	—	2	2	4.08
—	—	—	81	81	87	92	—	139	—	—	2	2	5.62
NUP414	N414	NF414	83	83	99	102	112	167	167	153	2.5	2.5	5.26
NUP1015	—	—	81.5	80	83	87	—	108.5	—	—	1	1	0.735
NUP215	N215	NF215	83	83	87	90	96	122	122	120	1.5	1.5	1.24
NUP215R	—	—	83	83	87	90	96	122	—	—	1.5	1.5	1.29
NUP2215	—	—	83	83	87	90	96	122	—	—	1.5	1.5	1.57
NUP2215R	—	—	83	83	87	90	96	122	—	—	1.5	1.5	1.61
—	—	—	83	83	87	90	—	122	—	—	1.5	1.5	2.28
NUP315	N315	NF315	86	86	93	97	106	149	149	143	2	2	3.24
NUP315R	—	—	86	86	93	97	106	149	—	—	2	2	3.37
NUP2315	—	—	86	86	93	97	106	149	—	—	2	2	4.84
NUP2315R	—	—	86	86	93	97	106	149	—	—	2	2	5.00

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.

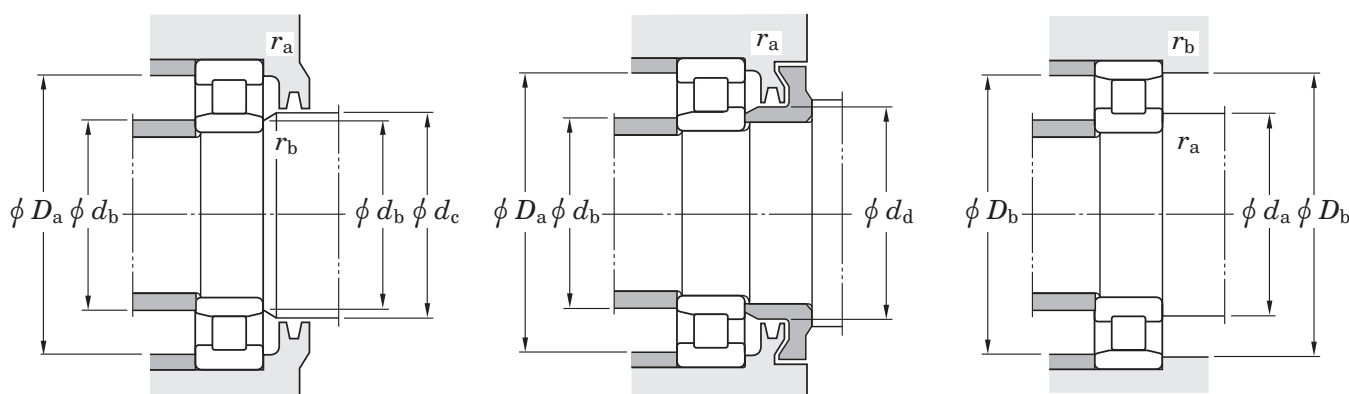
Single-row cylindrical roller bearings

d (75) ~ (90) mm



Boundary dimensions (mm)							Basic load ratings (kN)		Limiting speeds (min ⁻¹)		Bearing No.	
d	D	B	$r_{\min.}$	$r_{1\min.}$	F_w	E_w	C_r	C_{0r}	Grease lub.	Oil lub.	NU	NJ
75	160	68.3	2.1	2.1	95.5	—	338	430	3 400	5 000	NU3315	—
	190	45	3	3	104.5	160.5	265	274	3 300	4 400	NU415	NJ415
80	125	22	1.1	1	91.5	—	69.3	86.4	5 300	6 300	NU1016	—
	140	26	2	2	95.3	125.3	106	122	4 500	5 400	NU216	NJ216
	140	26	2	2	95.3	—	139	167	4 400	5 300	NU216R	NJ216R
	140	33	2	2	95.3	—	148	186	4 000	5 400	NU2216	NJ2216
	140	33	2	2	95.3	—	186	243	4 000	5 300	NU2216R	NJ2216R
	140	44.4	2	2	95.3	—	190	259	3 600	5 400	NU3216	—
	170	39	2.1	2.1	103	147	194	207	3 500	4 700	NU316	NJ316
	170	39	2.1	2.1	101	—	259	282	3 500	4 700	NU316R	NJ316R
	170	58	2.1	2.1	103	—	275	332	3 100	4 700	NU2316	NJ2316
	170	58	2.1	2.1	101	—	361	431	3 100	4 700	NU2316R	NJ2316R
	170	68.3	2.1	2.1	103	—	338	436	3 100	4 700	NU3316	—
	200	48	3	3	110	170	302	315	3 100	4 200	NU416	NJ416
85	130	22	1.1	1	96.5	—	71.4	91.2	5 100	6 000	NU1017	—
	150	28	2	2	101.8	133.8	121	140	4 200	5 000	NU217	NJ217
	150	28	2	2	100.5	—	167	199	4 200	5 000	NU217R	NJ217R
	150	36	2	2	101.8	—	169	218	3 800	5 000	NU2217	NJ2217
	150	36	2	2	100.5	—	218	279	3 700	5 000	NU2217R	NJ2217R
	150	49.2	2	2	101.8	—	215	296	3 300	5 000	NU3217	—
	180	41	3	3	108	156	225	247	3 300	4 500	NU317	NJ317
	180	41	3	3	108	—	291	330	3 300	4 400	NU317R	NJ317R
	180	60	3	3	108	—	315	382	3 000	4 500	NU2317	NJ2317
	180	60	3	3	108	—	394	485	2 900	4 400	NU2317R	NJ2317R
	180	73	3	3	108	—	399	517	3 000	4 500	NU3317	—
	210	52	4	4	113	177	340	350	3 000	4 000	NU417	NJ417
90	140	24	1.5	1.1	103	—	84.7	109	4 700	5 600	NU1018	—

[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.

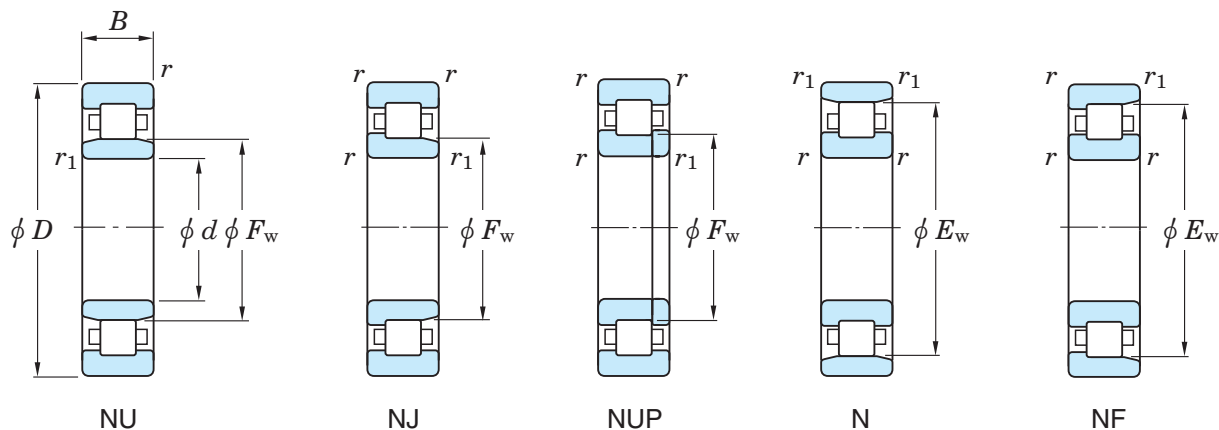


			Mounting dimensions (mm)										(Refer.) Mass NU (kg)
NUP	N	NF	d_a min.	d_b min.	d_b max.	d_c min.	d_d min.	D_a max.	D_b max.	d_b min.	r_a max.	r_b max.	
—	—	—	86	86	93	97	—	149	—	—	2	2	6.86
NUP415	N415	NF415	88	88	103	107	118	177	177	162	2.5	2.5	6.25
NUP1016	—	—	86.5	85	90	94	—	118.5	—	—	1	1	0.994
NUP216	N216	NF216	89	89	94	97	104	131	131	128	2	2	1.51
NUP216R	—	—	89	89	94	97	104	131	—	—	2	2	1.56
NUP2216	—	—	89	89	94	97	104	131	—	—	2	2	1.96
NUP2216R	—	—	89	89	94	97	104	131	—	—	2	2	2.03
—	—	—	89	89	94	97	—	131	—	—	2	2	2.87
NUP316	N316	NF316	91	91	99	105	114	159	159	151	2	2	3.92
NUP316R	—	—	91	91	99	105	114	159	—	—	2	2	4.00
NUP2316	—	—	91	91	99	105	114	159	—	—	2	2	5.83
NUP2316R	—	—	91	91	99	105	114	159	—	—	2	2	5.95
—	—	—	91	91	99	105	—	159	—	—	2	2	7.72
NUP416	N416	NF416	93	93	109	112	124	187	187	172	2.5	2.5	7.28
NUP1017	—	—	91.5	90	95	99	—	123.5	—	—	1	1	1.04
NUP217	N217	NF217	94	94	99	104	110	141	141	137	2	2	1.90
NUP217R	—	—	94	94	99	104	110	141	—	—	2	2	1.94
NUP2217	—	—	94	94	99	104	110	141	—	—	2	2	2.50
NUP2217R	—	—	94	94	99	104	110	141	—	—	2	2	2.53
—	—	—	94	94	99	104	—	141	—	—	2	2	3.67
NUP317	N317	NF317	98	98	106	110	119	167	167	160	2.5	2.5	4.52
NUP317R	—	—	98	98	106	110	119	167	—	—	2.5	2.5	4.80
NUP2317	—	—	98	98	106	110	119	167	—	—	2.5	2.5	6.62
NUP2317R	—	—	98	98	106	110	119	167	—	—	2.5	2.5	6.98
—	—	—	98	98	106	110	—	167	—	—	2.5	2.5	9.23
NUP417	N417	NF417	101	101	111	115	128	194	194	179	3	3	8.68
NUP1018	—	—	98	96.5	101	106	—	132	—	—	1.5	1	1.34

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.

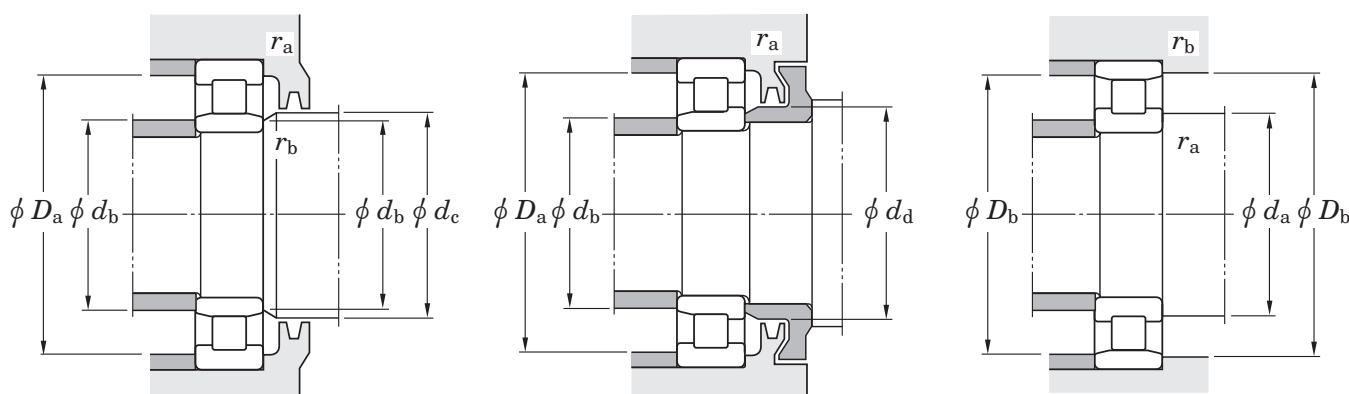
Single-row cylindrical roller bearings

d (90) ~ (100) mm



Boundary dimensions (mm)							Basic load ratings (kN)		Limiting speeds (min ⁻¹)		Bearing No.	
d	D	B	$r_{\min.}$	$r_{1\min.}$	F_w	E_w	C_r	C_{0r}	Grease lub.	Oil lub.	NU	NJ
90	160	30	2	2	107	143	152	178	3 900	4 700	NU218	NJ218
	160	30	2	2	107	—	182	217	3 900	4 700	NU218R	NJ218R
	160	40	2	2	107	—	207	265	3 500	4 700	NU2218	NJ2218
	160	40	2	2	107	—	242	314	3 500	4 700	NU2218R	NJ2218R
	160	52.4	2	2	107	—	270	373	3 100	4 700	NU3218	—
	190	43	3	3	115	165	243	265	3 100	4 200	NU318	NJ318
	190	43	3	3	113.5	—	316	355	3 100	4 100	NU318R	NJ318R
	190	64	3	3	115	—	329	395	2 800	4 200	NU2318	NJ2318
	190	64	3	3	113.5	—	437	534	2 800	4 100	NU2318R	NJ2318R
	190	73	3	3	115	—	428	559	2 800	4 200	NU3318	—
	225	54	4	4	123.5	191.5	374	400	2 800	3 700	NU418	NJ418
95	145	24	1.5	1.1	108	—	87.2	115	4 500	5 300	NU1019	—
	170	32	2.1	2.1	113.5	151.5	165	195	3 700	4 400	NU219	NJ219
	170	32	2.1	2.1	112.5	—	221	265	3 700	4 400	NU219R	NJ219R
	170	43	2.1	2.1	113.5	—	230	298	3 300	4 400	NU2219	NJ2219
	170	43	2.1	2.1	112.5	—	287	371	3 300	4 400	NU2219R	NJ2219R
	170	55.6	2.1	2.1	113.5	—	297	412	3 000	4 400	NU3219	—
	200	45	3	3	121.5	173.5	277	311	3 000	4 000	NU319	NJ319
	200	45	3	3	121.5	—	334	387	2 900	3 900	NU319R	NJ319R
	200	67	3	3	121.5	—	394	496	2 600	4 000	NU2319	NJ2319
	200	77.8	3	3	121.5	—	487	654	2 600	4 000	NU3319	—
	240	55	4	4	133.5	201.5	410	444	2 600	3 400	NU419	NJ419
100	150	24	1.5	1.1	113	—	91.0	120	4 300	5 100	NU1020	—
	180	34	2.1	2.1	120	160	183	217	3 500	4 200	NU220	NJ220
	180	34	2.1	2.1	119	—	250	306	3 500	4 200	NU220R	NJ220R
	180	46	2.1	2.1	120	—	259	338	3 100	4 200	NU2220	NJ2220
	180	46	2.1	2.1	119	—	334	444	3 100	4 200	NU2220R	NJ2220R

[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.

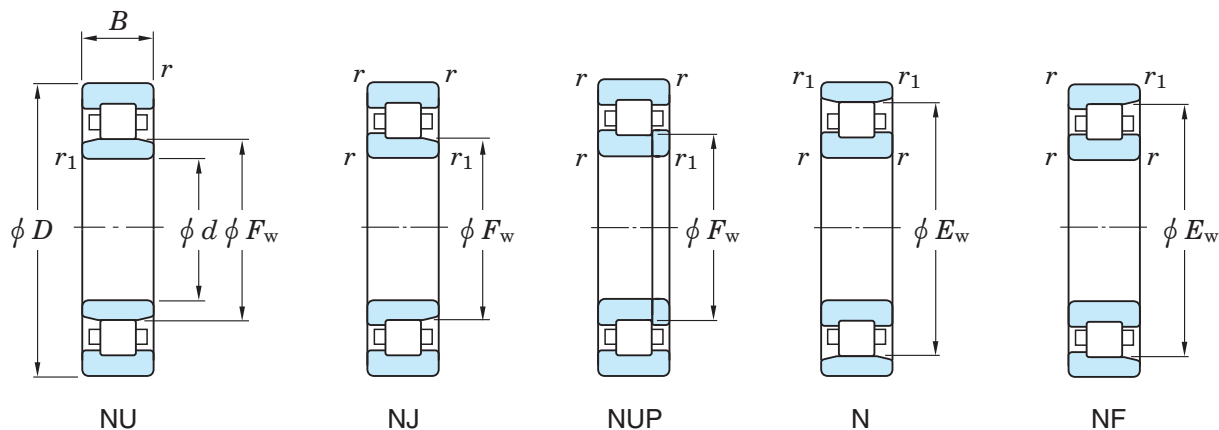


			Mounting dimensions (mm)										(Refer.) Mass NU (kg)
NUP	N	NF	d_a min.	d_b min.	d_b max.	d_c min.	d_d min.	D_a max.	D_b max.	D_b min.	r_a max.	r_b max.	
NUP218	N218	NF218	99	99	105	109	116	151	151	146	2	2	2.28
NUP218R	—	—	99	99	105	109	116	151	—	—	2	2	2.38
NUP2218	—	—	99	99	105	109	116	151	—	—	2	2	3.10
NUP2218R	—	—	99	99	105	109	116	151	—	—	2	2	3.21
—	—	—	99	99	105	109	—	151	—	—	2	2	4.49
NUP318	N318	NF318	103	103	111	117	127	177	177	169	2.5	2.5	5.38
NUP318R	—	—	103	103	111	117	127	177	—	—	2.5	2.5	5.47
NUP2318	—	—	103	103	111	117	127	177	—	—	2.5	2.5	7.90
NUP2318R	—	—	103	103	111	117	127	177	—	—	2.5	2.5	8.12
—	—	—	103	103	111	117	—	177	—	—	2.5	2.5	10.3
NUP418	N418	NF418	106	106	122	125	139	209	209	194	3	3	10.3
NUP1019	—	—	103	101.5	106	111	—	137	—	—	1.5	1	1.40
NUP219	N219	NF219	106	106	111	116	123	159	159	155	2	2	2.80
NUP219R	—	—	106	106	111	116	123	159	—	—	2	2	2.92
NUP2219	—	—	106	106	111	116	123	159	—	—	2	2	3.85
NUP2219R	—	—	106	106	111	116	123	159	—	—	2	2	3.93
—	—	—	106	106	111	116	—	159	—	—	2	2	5.42
NUP319	N319	NF319	108	108	119	124	134	187	187	178	2.5	2.5	6.20
NUP319R	—	—	108	108	119	124	134	187	—	—	2.5	2.5	6.42
NUP2319	—	—	108	108	119	124	134	187	—	—	2.5	2.5	9.39
—	—	—	108	108	119	124	—	187	—	—	2.5	2.5	12.1
NUP419	N419	NF419	111	111	132	136	149	224	224	204	3	3	13.6
NUP1020	—	—	108	106.5	111	116	—	142	—	—	1.5	1	1.46
NUP220	N220	NF220	111	111	117	122	130	169	169	164	2	2	3.38
NUP220R	—	—	111	111	117	122	130	169	—	—	2	2	3.52
NUP2220	—	—	111	111	117	122	130	169	—	—	2	2	4.67
NUP2220R	—	—	111	111	117	122	130	169	—	—	2	2	4.82

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.

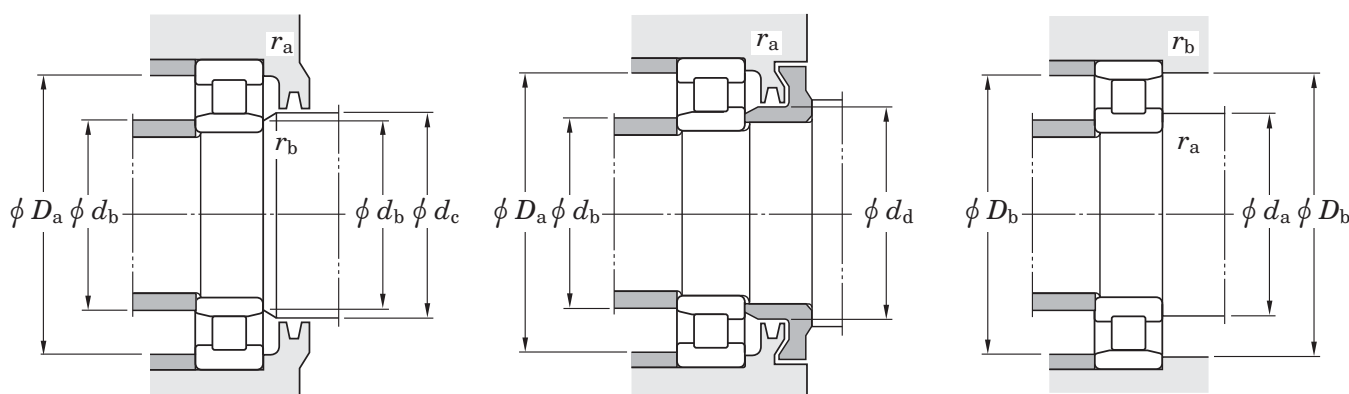
Single-row cylindrical roller bearings

d 120 ~ (140) mm



Boundary dimensions (mm)							Basic load ratings (kN)		Limiting speeds (min ⁻¹)		Bearing No.	
d	D	B	$r_{\min.}$	$r_{1\min.}$	F_w	E_w	C_r	C_{0r}	Grease lub.	Oil lub.	NU	NJ
120	180	28	2	1.1	135	—	137	181	3 500	4 200	NU1024	—
	215	40	2.1	2.1	143.5	191.5	260	318	2 900	3 400	NU224	NJ224
	215	40	2.1	2.1	143.5	—	336	421	2 800	3 400	NU224R	NJ224R
	215	58	2.1	2.1	143.5	—	367	492	2 600	3 400	NU2224	NJ2224
	215	58	2.1	2.1	143.5	—	452	619	2 600	3 400	NU2224R	NJ2224R
	215	76	2.1	2.1	143.5	—	477	695	2 300	3 400	NU3224	—
	260	55	3	3	154	226	485	551	2 200	3 000	NU324	NJ324
	260	55	3	3	154	—	528	610	2 200	3 000	NU324R	NJ324R
	260	86	3	3	154	—	708	918	2 000	3 000	NU2324	NJ2324
	260	86	3	3	154	—	793	1 030	2 000	3 000	NU2324R	NJ2324R
	260	106	3	3	154	—	826	1 120	2 000	3 000	NU3324	—
	310	72	5	5	170	260	690	770	1 900	2 600	NU424	NJ424
130	200	33	2	1.1	148	—	171	238	3 200	3 800	NU1026	—
	230	40	3	3	156	204	282	362	2 700	3 200	NU226	NJ226
	230	40	3	3	153.5	—	364	453	2 600	3 200	NU226R	NJ226R
	230	64	3	3	156	—	395	560	2 400	3 200	NU2226	NJ2226
	230	64	3	3	153.5	—	530	737	2 400	3 200	NU2226R	NJ2226R
	230	80	3	3	156	—	550	857	2 100	3 200	NU3226	—
	280	58	4	4	167	243	564	667	2 100	2 700	NU326	NJ326
	280	58	4	4	167	—	616	736	2 000	2 700	NU326R	NJ326R
	280	93	4	4	167	—	838	1 130	1 800	2 700	NU2326	NJ2326
	280	93	4	4	167	—	920	1 230	1 800	2 700	NU2326R	NJ2326R
	280	112	4	4	167	—	936	1 290	1 800	2 700	NU3326	—
	340	78	5	5	185	285	771	876	1 800	2 300	NU426	NJ426
140	210	33	2	1.1	158	—	175	250	3 000	3 600	NU1028	—
	250	42	3	3	169	221	324	421	2 400	2 900	NU228	NJ228
	250	42	3	3	169	—	392	514	2 400	2 900	NU228R	NJ228R

[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.

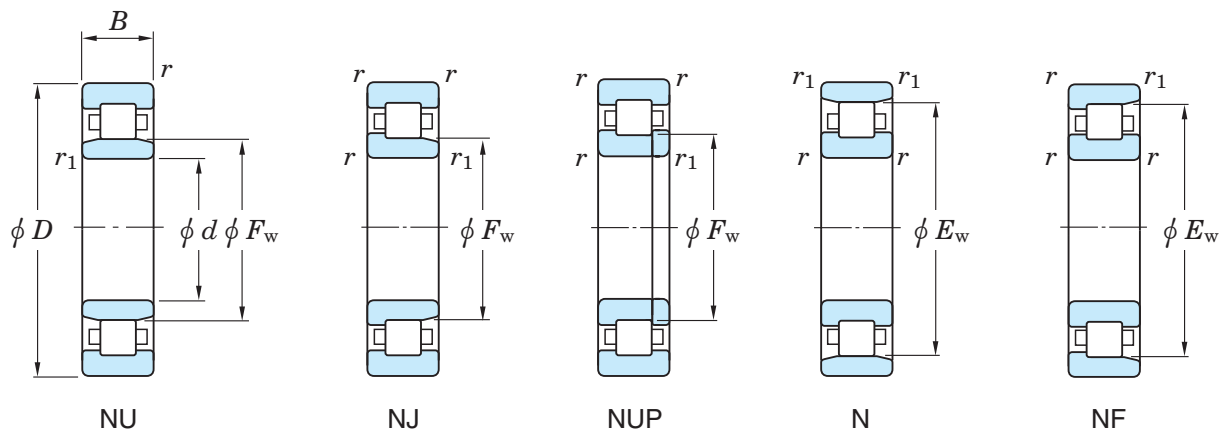


NUP	N	NF	Mounting dimensions (mm)										(Refer.) Mass NU (kg)
			d_a min.	d_b min.	d_c max.	d_c min.	d_d min.	D_a max.	D_b max.	d_b min.	r_a max.	r_b max.	
NUP1024	—	—	129	126.5	134	138	—	171	—	—	2	1	2.47
NUP224	N224	NF224	131	131	141	146	156	204	204	196	2	2	5.65
NUP224R	—	—	131	131	141	146	156	204	—	—	2	2	5.85
NUP2224	—	—	131	131	141	146	156	204	—	—	2	2	8.56
NUP2224R	—	—	131	131	141	146	156	204	—	—	2	2	8.56
—	—	—	131	131	141	146	—	204	—	—	2	2	11.9
NUP324	N324	NF324	133	133	151	156	171	247	247	230	2.5	2.5	13.1
NUP324R	—	—	133	133	151	156	171	247	—	—	2.5	2.5	13.4
NUP2324	—	—	133	133	151	156	171	247	—	—	2.5	2.5	23.1
NUP2324R	—	—	133	133	151	156	172	247	—	—	2.5	2.5	23.1
—	—	—	133	133	151	156	—	247	—	—	2.5	2.5	28.3
NUP424	N424	NF424	140	140	168	172	190	290	290	262	4	4	28.0
NUP1026	—	—	139	136.5	146	151	—	191	—	—	2	1	3.77
NUP226	N226	NF226	143	143	151	158	168	217	217	208	2.5	2.5	6.49
NUP226R	—	—	143	143	151	158	168	217	—	—	2.5	2.5	6.60
NUP2226	—	—	143	143	151	158	168	217	—	—	2.5	2.5	11.2
NUP2226R	—	—	143	143	151	158	168	217	—	—	2.5	2.5	11.2
—	—	—	143	143	151	158	—	217	—	—	2.5	2.5	14.1
NUP326	N326	NF326	146	146	164	169	184	264	264	247	3	3	16.4
NUP326R	—	—	146	146	164	169	184	264	—	—	3	3	16.7
NUP2326	—	—	146	146	164	169	184	264	—	—	3	3	29.1
NUP2326R	—	—	146	146	164	169	186	264	—	—	3	3	29.1
—	—	—	146	146	164	169	—	264	—	—	3	3	34.6
NUP426	N426	NF426	150	150	183	187	208	320	320	287	4	4	36.1
NUP1028	—	—	149	146.5	156	161	—	201	—	—	2	1	4.00
NUP228	N228	NF228	153	153	166	171	182	237	237	228	2.5	2.5	8.27
NUP228R	—	—	153	153	166	171	182	237	—	—	2.5	2.5	8.50

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.

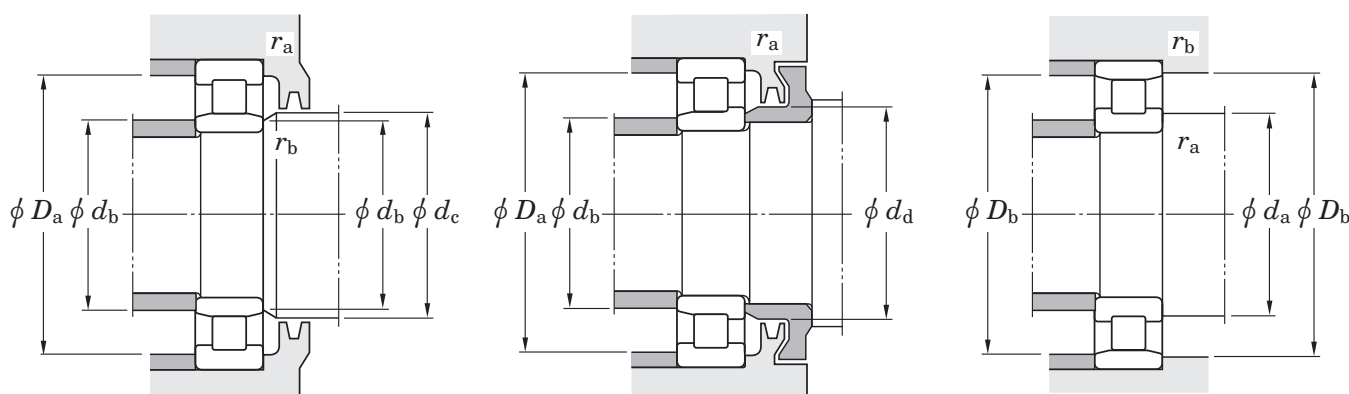
Single-row cylindrical roller bearings

d (140) ~ (160) mm



Boundary dimensions (mm)							Basic load ratings (kN)		Limiting speeds (min ⁻¹)		Bearing No.	
d	D	B	$r_{\min.}$	$r_{1\min.}$	F_w	E_w	C_r	C_{0r}	Grease lub.	Oil lub.	NU	NJ
140	250	68	3	3	169	—	465	671	2 200	2 900	NU2228	NJ2228
	250	68	3	3	169	—	572	835	2 200	2 900	NU2228R	NJ2228R
	250	88	3	3	169	—	604	939	1 900	2 900	NU3228	—
	300	62	4	4	180	260	623	746	1 900	2 500	NU328	NJ328
	300	62	4	4	180	—	663	797	1 900	2 500	NU328R	NJ328R
	300	102	4	4	180	—	920	1 250	1 700	2 500	NU2328	NJ2328
	300	102	4	4	180	—	1 020	1 380	1 700	2 500	NU2328R	NJ2328R
	300	118	4	4	180	—	1 090	1 550	1 700	2 500	NU3328	—
	360	82	5	5	198	302	874	1 020	1 600	2 200	NU428	NJ428
150	225	35	2.1	1.5	169.5	—	201	281	2 800	3 300	NU1030	—
	270	45	3	3	182	238	374	492	2 200	2 700	NU230	NJ230
	270	45	3	3	182	—	448	594	2 200	2 600	NU230R	NJ230R
	270	73	3	3	182	—	545	800	2 000	2 700	NU2230	NJ2230
	270	73	3	3	182	—	662	982	2 000	2 600	NU2230R	NJ2230R
	270	96	3	3	182	—	749	1 200	1 800	2 700	NU3230	—
	320	65	4	4	193	277	663	807	1 800	2 300	NU330	NJ330
	320	65	4	4	193	—	757	922	1 700	2 300	NU330R	NJ330R
	320	108	4	4	193	—	1 020	1 400	1 600	2 300	NU2330	NJ2330
	320	108	4	4	193	—	1 180	1 600	1 500	2 300	NU2330R	NJ2330R
	320	128	4	4	193	—	1 290	1 890	1 600	2 300	NU3330	—
	380	85	5	5	213	317	930	1 120	1 500	2 000	NU430	NJ430
160	240	38	2.1	1.5	180	—	236	330	2 600	3 000	NU1032	—
	290	48	3	3	195	255	427	568	2 100	2 500	NU232	NJ232
	290	48	3	3	195	—	498	666	2 000	2 400	NU232R	NJ232R
	290	80	3	3	195	—	631	939	1 800	2 500	NU2232	NJ2232
	290	80	3	3	193	—	809	1 190	1 800	2 400	NU2232R	NJ2232R
	290	104	3	3	195	—	857	1 390	1 600	2 500	NU3232	—

[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.



NUP	N	NF	Mounting dimensions (mm)										(Refer.) Mass NU (kg)
			d_a min.	d_b min.	d_b max.	d_c min.	d_d min.	D_a max.	D_b max.	D_b min.	r_a max.	r_b max.	
NUP2228	—	—	153	153	166	171	182	237	—	—	2.5	2.5	14.3
NUP2228R	—	—	153	153	166	171	182	237	—	—	2.5	2.5	14.3
—	—	—	153	153	166	171	—	237	—	—	2.5	2.5	18.5
NUP328	N328	NF328	156	156	176	182	198	284	284	264	3	3	21.8
NUP328R	—	—	156	156	176	182	198	284	—	—	3	3	21.8
NUP2328	—	—	156	156	176	182	198	284	—	—	3	3	36.8
NUP2328R	—	—	156	156	176	182	200	284	—	—	3	3	36.8
—	—	—	156	156	176	182	—	284	—	—	3	3	41.5
NUP428	N428	NF428	160	160	195	200	222	340	340	304	4	4	46.8
NUP1030	—	—	161	158	167	173	—	214	—	—	2	1.5	4.83
NUP230	N230	NF230	163	163	179	184	196	257	257	245	2.5	2.5	10.3
NUP230R	—	—	163	163	179	184	196	257	—	—	2.5	2.5	10.7
NUP2230	—	—	163	163	179	184	196	257	—	—	2.5	2.5	18.7
NUP2230R	—	—	163	163	179	184	196	257	—	—	2.5	2.5	18.7
—	—	—	163	163	179	184	—	257	—	—	2.5	2.5	23.7
NUP330	N330	NF330	166	166	190	195	213	304	304	281	3	3	26.4
NUP330R	—	—	166	166	190	195	213	304	—	—	3	3	27.0
NUP2330	—	—	166	166	190	195	213	304	—	—	3	3	44.7
NUP2330R	—	—	166	166	190	195	213	304	—	—	3	3	44.7
—	—	—	166	166	190	195	—	304	—	—	3	3	51.4
NUP430	N430	NF430	170	170	210	216	237	360	360	319	4	4	53.3
NUP1032	—	—	171	168	178	184	—	229	—	—	2	1.5	5.93
NUP232	N232	NF232	173	173	192	197	210	277	277	262	2.5	2.5	14.4
NUP232R	—	—	173	173	192	197	210	277	—	—	2.5	2.5	14.8
NUP2232	—	—	173	173	192	197	210	277	—	—	2.5	2.5	23.6
NUP2232R	—	—	173	173	192	197	210	277	—	—	2.5	2.5	23.6
—	—	—	173	173	192	197	—	277	—	—	2.5	2.5	29.8

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.