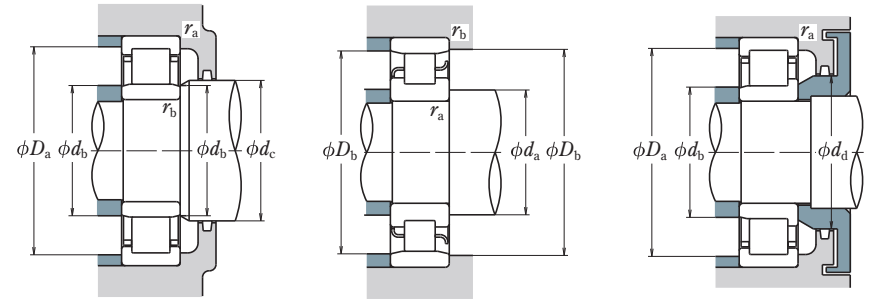
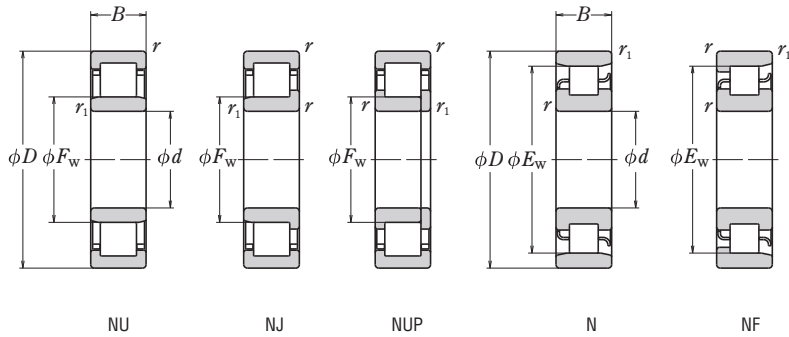


SINGLE-ROW CYLINDRICAL ROLLER BEARINGS

Bore Diameter 75 mm



Boundary Dimensions (mm)							Basic Load Ratings ⁽⁶⁾ (N)		Speeds ⁽⁵⁾ (min ⁻¹) Limiting Speeds			
<i>d</i>	<i>D</i>	<i>B</i>	<i>r</i> min.	<i>r</i> ₁ min.	<i>F</i> _W	<i>E</i> _W	<i>C</i> _r	<i>C</i> _{0r}	Thermal Speed Rating (Oil Bath)	Mechanical (Forced Oil Circulation)	Grease	Oil (Oil Bath)
75	115	20	1.1	1	85	105	74 000	74 500	6 000	—	5 600	6 700
	130	25	1.5	1.5	—	116.5	119 000	111 000	6 000	—	3 800	4 800
	130	25	1.5	1.5	88.5	—	160 000	156 000	5 300	8 500	4 800	6 000
	130	31	1.5	1.5	88.5	—	199 000	207 000	5 300	6 300	4 300	5 300
	160	37	2.1	2.1	—	139.5	220 000	189 000	5 000	—	3 000	3 800
	160	37	2.1	2.1	95.5	—	220 000	189 000	5 000	—	3 000	3 800
	160	37	2.1	2.1	95	—	295 000	263 000	4 500	7 500	3 800	4 800
	160	55	2.1	2.1	95	—	405 000	395 000	4 800	5 600	3 400	4 300

- Notes** ⁽¹⁾ Cage designation (M) is usually omitted from the bearing designation.
⁽²⁾ When L-shaped thrust collars (see Pages C156-C157) are used, the bearings are considered the NH type.
⁽³⁾ If axial loads are applied, increase *d*_a and reduce *D*_a from the values listed above.

Bearing Designations							Abutment and Fillet Dimensions (mm)										Mass (kg)
Cage ⁽¹⁾		⁽²⁾ NU NJ NUP N NF					⁽³⁾ <i>d</i> _a min.	<i>d</i> _b min.	⁽⁴⁾ <i>d</i> _b max.	<i>d</i> _c min.	<i>d</i> _d min.	⁽³⁾ <i>D</i> _a max.	<i>D</i> _b max.	<i>D</i> _b min.	<i>r</i> _a max.	<i>r</i> _b max.	approx.
Standard Option																	
NU1015	(M)	—	NU	—	—	N NF	81.5	80	83	87	—	108.5	110	106	1	1	0.731
N 215	W M	—	—	—	—	N NF	83	83	86	90	96	122	122	119	1.5	1.5	1.23
NU215E	M T, T7	—	NU NJ NUP	—	—	—	83	83	86	90	96	122	—	—	1.5	1.5	1.44
NU2215E	T	M, T7	NU NJ NUP	—	—	—	83	83	86	90	96	122	—	—	1.5	1.5	1.57
N 315	W M	—	—	—	—	N NF	86	—	—	—	—	—	149	143	2	2	3.2
NU315	W	—	NU NJ NUP	—	—	—	86	86	93	97	106	149	—	—	2	2	3.26
NU315E	M	T, T7	NU NJ NUP	—	—	—	86	86	92	97	106	149	—	—	2	2	3.73
NU2315E	T	M, T7	NU NJ NUP	—	—	—	86	86	92	97	106	149	—	—	2	2	4.86

- Notes** ⁽⁴⁾ *d*_b (max.) refers to values for adjusting rings for NU and NJ bearings.
⁽⁵⁾ The limiting speeds in the bearing tables are for standard cages.
⁽⁶⁾ The basic load ratings in the bearing tables are for standard tables.