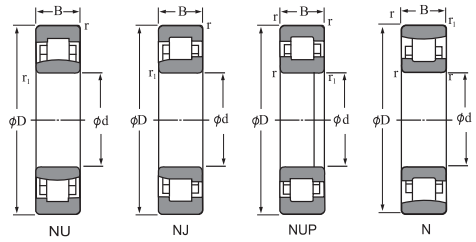
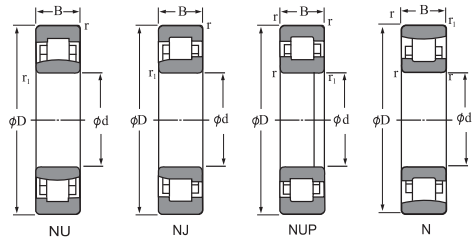


Cylindrical Roller Bearings



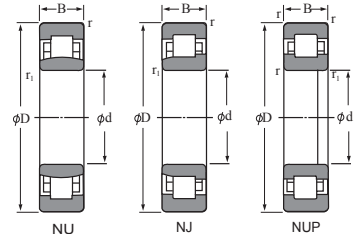
| BEARING NUMBER | | | NOMINAL DIMENSIONS[mm] | | | | | | | LOAD RATING(kN) | | LIMITING SPEED(RPM) | | |
|----------------|--------|---------|------------------------|-----|-----|----|-------|--------|------|-----------------|-------|---------------------|-------|-----------|
| NU | NJ | NUP | N | d | D | B | r min | r1 min | C | Co | Lube | Grease | Oil | Weight KG |
| NU 204 | NJ 204 | NUP 204 | N 204 | 20 | 47 | 14 | 1.0 | 0.6 | 15.4 | 12.7 | 15000 | 18000 | 0.108 | |
| NU 205 | NJ 205 | NUP 205 | N 205 | 25 | 52 | 15 | 1.0 | 0.6 | 17.7 | 15.7 | 13000 | 16000 | 0.132 | |
| NU 206 | NJ 206 | NUP 206 | N 206 | 30 | 62 | 16 | 1.0 | 0.6 | 23.5 | 21.5 | 11000 | 13000 | 0.200 | |
| NU 207 | NJ 207 | NUP 207 | N 207 | 35 | 72 | 17 | 1.1 | 0.6 | 33.6 | 31.5 | 9500 | 11000 | 0.293 | |
| NU 208 | NJ 208 | NUP 208 | N 208 | 40 | 80 | 18 | 1.1 | 1.1 | 43.8 | 42.9 | 8300 | 10000 | 0.366 | |
| NU 209 | NJ 209 | NUP 209 | N 209 | 45 | 85 | 19 | 1.1 | 1.1 | 46.1 | 46.9 | 7700 | 9200 | 0.427 | |
| NU 210 | NJ 210 | NUP 210 | N 210 | 50 | 90 | 20 | 1.1 | 1.1 | 48.2 | 51 | 7100 | 8500 | 0.479 | |
| NU 211 | NJ 211 | NUP 211 | N 211 | 55 | 100 | 21 | 1.5 | 1.1 | 58 | 62.3 | 6400 | 7700 | 0.640 | |
| NU 212 | NJ 212 | NUP 212 | N 212 | 60 | 110 | 22 | 1.5 | 1.5 | 71.9 | 79.9 | 5800 | 7000 | 0.823 | |
| NU 213 | NJ 213 | NUP 213 | N 213 | 65 | 120 | 23 | 1.5 | 1.5 | 83.8 | 94.4 | 5400 | 6400 | 1.050 | |
| NU 214 | NJ 214 | NUP 214 | N 214 | 70 | 125 | 24 | 1.5 | 1.5 | 83.3 | 95.2 | 5100 | 6100 | 1.150 | |
| NU 215 | NJ 215 | NUP 215 | N 215 | 75 | 130 | 25 | 1.5 | 1.5 | 101 | 118 | 4800 | 5800 | 1.240 | |
| NU 216 | NJ 216 | NUP 216 | N 216 | 80 | 140 | 26 | 2.0 | 2.0 | 106 | 122 | 4500 | 5400 | 1.510 | |
| NU 217 | NJ 217 | NUP 217 | N 217 | 85 | 150 | 28 | 2.0 | 2.0 | 121 | 140 | 4200 | 5000 | 1.900 | |
| NU 218 | NJ 218 | NUP 218 | N 218 | 90 | 160 | 30 | 2.0 | 2.0 | 152 | 178 | 3900 | 4700 | 2.280 | |
| NU 219 | NJ 219 | NUP 219 | N 219 | 95 | 170 | 32 | 2.1 | 2.1 | 165 | 195 | 3700 | 4400 | 2.800 | |
| NU 220 | NJ 220 | NUP 220 | N 220 | 100 | 180 | 34 | 2.1 | 2.1 | 183 | 217 | 3500 | 4200 | 3.380 | |

Cylindrical Roller Bearings



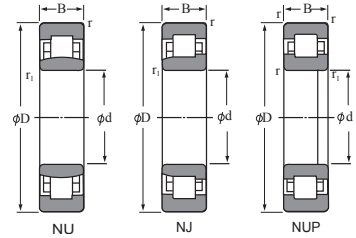
| BEARING NUMBER | | | NOMINAL DIMENSIONS[mm] | | | | | | LOAD RATING(kN) | | LIMITING SPEED(RPM) | | |
|--------------------------------------|--------|---------|------------------------|-----|-----|----|-------|--------|-----------------|------|---------------------|-------|--------|
| NU | NJ | NUP | N | d | D | B | r min | r1 min | C | Co | Lube | Oil | Weight |
| Dynamic Stactic Grease Oil Weight KG | | | | | | | | | | | | | |
| NU 304 | NJ 304 | NUP 304 | N 304 | 20 | 52 | 15 | 1.1 | 0.6 | 23.1 | 19.2 | 12000 | 16000 | 0.147 |
| NU 305 | NJ 305 | NUP 305 | N 305 | 25 | 62 | 17 | 1.1 | 1.1 | 29.3 | 25.2 | 10000 | 14000 | 0.241 |
| NU 306 | NJ 306 | NUP 306 | N 306 | 30 | 72 | 19 | 1.1 | 1.1 | 38.6 | 35.2 | 8700 | 12000 | 0.358 |
| NU 307 | NJ 307 | NUP 307 | N 307 | 35 | 80 | 21 | 1.5 | 1.1 | 49.6 | 46.9 | 7900 | 10000 | 0.477 |
| NU 308 | NJ 308 | NUP 308 | N 308 | 40 | 90 | 23 | 1.5 | 1.5 | 58.6 | 56.9 | 6900 | 9100 | 0.657 |
| NU 309 | NJ 309 | NUP 309 | N 309 | 45 | 100 | 25 | 1.5 | 1.5 | 78.8 | 77.5 | 6200 | 8300 | 0.870 |
| NU 310 | NJ 310 | NUP 310 | N 310 | 50 | 110 | 27 | 2.0 | 2.0 | 92.2 | 93.4 | 5600 | 7500 | 1.150 |
| NU 311 | NJ 311 | NUP 311 | N 311 | 55 | 120 | 29 | 2.0 | 2.0 | 111 | 111 | 5100 | 6800 | 1.440 |
| NU 312 | NJ 312 | NUP 312 | N 312 | 60 | 130 | 31 | 2.1 | 2.1 | 124 | 126 | 4700 | 6300 | 1.830 |
| NU 313 | NJ 313 | NUP 313 | N 313 | 65 | 140 | 33 | 2.1 | 2.1 | 137 | 139 | 4300 | 5800 | 2.240 |
| NU 314 | NJ 314 | NUP 314 | N 314 | 70 | 150 | 35 | 2.1 | 2.1 | 162 | 168 | 4000 | 5400 | 2.730 |
| NU 315 | NJ 315 | NUP 315 | N 315 | 75 | 160 | 37 | 2.1 | 2.1 | 194 | 205 | 3800 | 5000 | 3.240 |
| NU 316 | NJ 316 | NUP 316 | N 316 | 80 | 170 | 39 | 2.1 | 2.1 | 194 | 207 | 3500 | 4700 | 3.920 |
| NU 317 | NJ 317 | NUP 317 | N 317 | 85 | 180 | 41 | 3.0 | 3.0 | 225 | 247 | 3300 | 4500 | 4.520 |
| NU 318 | NJ 318 | NUP 318 | N 318 | 90 | 190 | 43 | 3.0 | 3.0 | 243 | 265 | 3100 | 4200 | 5.380 |
| NU 319 | NJ 319 | NUP 319 | N 319 | 95 | 200 | 45 | 3.0 | 3.0 | 277 | 311 | 3000 | 4000 | 6.200 |
| NU 320 | NJ 320 | NUP 320 | N 320 | 100 | 215 | 47 | 3.0 | 3.0 | 323 | 337 | 2800 | 3700 | 7.700 |

Cylindrical Roller Bearings



| BEARING NUMBER | | | NOMINAL DIMENSIONS[mm] | | | | | LOAD RATING(kN) LIMITING SPEED(RPM) | | | | | |
|----------------|---------|----------|------------------------|-----|----|-------|--------|-------------------------------------|------|----------------|-------|-------|--------|
| NU | NJ | NUP | d | D | B | r min | r1 min | Dynamic | | Stactic Grease | | Oil | Weight |
| | | | | | | | | C | Co | Lube | Lube | | |
| NU 2204 | NJ 2204 | NUP 2204 | 20 | 47 | 18 | 1 | 0.6 | 20.7 | 18.4 | 13000 | 18000 | 0.146 | |
| NU 2205 | NJ 2205 | NUP 2205 | 25 | 52 | 18 | 1 | 0.6 | 23.7 | 22.8 | 12000 | 16000 | 0.163 | |
| NU 2206 | NJ 2206 | NUP 2206 | 30 | 62 | 20 | 1 | 0.6 | 32.9 | 33.1 | 9800 | 13000 | 0.262 | |
| NU 2207 | NJ 2207 | NUP 2207 | 35 | 72 | 23 | 1.1 | 0.6 | 49 | 51.2 | 8500 | 11000 | 0.402 | |
| NU 2208 | NJ 2208 | NUP 2208 | 40 | 80 | 23 | 1.1 | 1.1 | 58.3 | 62 | 7500 | 10000 | 0.49 | |
| NU 2209 | NJ 2209 | NUP 2209 | 45 | 85 | 23 | 1.1 | 1.1 | 61.4 | 67.8 | 6900 | 9200 | 0.536 | |
| NU 2210 | NJ 2210 | NUP 2210 | 50 | 90 | 23 | 1.1 | 1.1 | 64.2 | 73.6 | 6400 | 8500 | 0.58 | |
| NU 2211 | NJ 2211 | NUP 2211 | 55 | 100 | 25 | 1.5 | 1.1 | 75.3 | 87.2 | 5800 | 7700 | 0.78 | |
| NU 2212 | NJ 2212 | NUP 2212 | 60 | 110 | 28 | 1.5 | 1.5 | 101 | 123 | 5200 | 7000 | 1.07 | |
| NU 2213 | NJ 2213 | NUP 2213 | 65 | 120 | 31 | 1.5 | 1.5 | 120 | 149 | 4800 | 6400 | 1.43 | |
| NU 2214 | NJ 2214 | NUP 2214 | 70 | 125 | 31 | 1.5 | 1.5 | 119 | 151 | 4600 | 6100 | 1.52 | |
| NU 2215 | NJ 2215 | NUP 2215 | 75 | 130 | 31 | 1.5 | 1.5 | 135 | 172 | 4300 | 5800 | 1.57 | |
| NU 2216 | NJ 2216 | NUP 2216 | 80 | 140 | 33 | 2 | 2 | 148 | 186 | 4000 | 5400 | 1.96 | |
| NU 2217 | NJ 2217 | NUP 2217 | 85 | 150 | 36 | 2 | 2 | 169 | 218 | 3800 | 5000 | 2.5 | |
| NU 2218 | NJ 2218 | NUP 2218 | 90 | 160 | 40 | 2 | 2 | 207 | 265 | 3500 | 4700 | 3.1 | |
| NU 2219 | NJ 2219 | NUP 2219 | 95 | 170 | 43 | 2.1 | 2.1 | 230 | 298 | 3300 | 4400 | 3.85 | |
| NU 2220 | NJ 2220 | NUP 2220 | 100 | 180 | 46 | 2.1 | 2.1 | 259 | 338 | 3100 | 4200 | 4.67 | |

Cylindrical Roller Bearings



| BEARING NUMBER | | | NOMINAL DIMENSIONS[mm] | | | | | LOAD RATING(kN) LIMITING SPEED(RPM) | | | | |
|----------------|---------|----------|------------------------|-----|----|-------|--------|-------------------------------------|------|-------|-------|--------|
| NU | NJ | NUP | d | D | B | r min | r1 min | C | Co | Lube | Oil | Weight |
| KG | | | | | | | | | | | | |
| NU 2304 | NJ 2304 | NUP 2304 | 20 | 52 | 21 | 1.1 | 0.6 | 32.9 | 30.2 | 11000 | 16000 | 0.212 |
| NU 2305 | NJ 2305 | NUP 2305 | 25 | 62 | 24 | 1.1 | 1.1 | 42.7 | 40.9 | 9100 | 14000 | 0.34 |
| NU 2306 | NJ 2306 | NUP 2306 | 30 | 72 | 27 | 1.1 | 1.1 | 51.4 | 50.8 | 7700 | 12000 | 0.5 |
| NU 2307 | NJ 2307 | NUP 2307 | 35 | 80 | 31 | 1.5 | 1.1 | 64.4 | 65.7 | 7000 | 10000 | 0.696 |
| NU 2308 | NJ 2308 | NUP 2308 | 40 | 90 | 33 | 1.5 | 1.5 | 82.2 | 88 | 6100 | 9100 | 0.956 |
| NU 2309 | NJ 2309 | NUP 2309 | 45 | 100 | 36 | 1.5 | 1.5 | 106 | 113 | 5500 | 8300 | 1.25 |
| NU 2310 | NJ 2310 | NUP 2310 | 50 | 110 | 40 | 2 | 2 | 128 | 142 | 5000 | 7500 | 1.69 |
| NU 2311 | NJ 2311 | NUP 2311 | 55 | 120 | 43 | 2 | 2 | 148 | 162 | 4500 | 6800 | 2.1 |
| NU 2312 | NJ 2312 | NUP 2312 | 60 | 130 | 46 | 2.1 | 2.1 | 168 | 188 | 4200 | 6300 | 2.69 |
| NU 2313 | NJ 2313 | NUP 2313 | 65 | 140 | 48 | 2.1 | 2.1 | 190 | 212 | 3900 | 5800 | 3.25 |
| NU 2314 | NJ 2314 | NUP 2314 | 70 | 150 | 51 | 2.1 | 2.1 | 224 | 262 | 3600 | 5400 | 3.97 |
| NU 2315 | NJ 2315 | NUP 2315 | 75 | 160 | 55 | 2.1 | 2.1 | 275 | 327 | 3400 | 5000 | 4.84 |
| NU 2316 | NJ 2316 | NUP 2316 | 80 | 170 | 58 | 2.1 | 2.1 | 275 | 332 | 3100 | 4700 | 5.83 |
| NU 2317 | NJ 2317 | NUP 2317 | 85 | 180 | 60 | 3 | 3 | 315 | 382 | 3000 | 4500 | 6.62 |
| NU 2318 | NJ 2318 | NUP 2318 | 90 | 190 | 64 | 3 | 3 | 329 | 395 | 2800 | 4200 | 7.9 |
| NU 2319 | NJ 2319 | NUP 2319 | 95 | 200 | 67 | 3 | 3 | 394 | 496 | 2600 | 4000 | 9.39 |
| NU 2320 | NJ 2320 | NUP 2320 | 100 | 215 | 73 | 3 | 3 | 464 | 548 | 2500 | 3700 | 11.9 |