# Single Row Cylindrical Roller Bearings

MUB1307UM






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| Bearing NO. | | Boundary dimensions(mm) | | | | | | | Basic load ratings(kN) | | Limiting speed(rpm) | | Abutment and fillet dimensions(mm) | | | | | | Weight (kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| New | Old | d | D | B | r 1.2min | r3□4 min | Fw | Ew | Cr | Cor | Grease | Oil | da min | db min | Da max | Db max | ra max | rb max | Refer |
| N220M | 2220 | 100 | 180 | 34 | 2.1 | 2.1 | | 160 | 190 | 260 | 3200 | 3800 | 114 | | | 166 | 2 | 2 | 3.45 |
| NJ220EM | | 100 | 180 | 34 | 2.1 | 2.1 | 119 | | 190 | 260 | 3200 | 3800 | | 114 | 169 | | 2 | 2 | 3.9 |
| NF220M | 12220 | 100 | 180 | 34 | 2.1 | 2.1 | | 160 | 190 | 260 | 3200 | 3800 | 114 | | | 166 | 2 | 2 | 3.55 |
| NU220M | 32220 | 100 | 180 | 34 | 2.1 | 2.1 | 120 | | 190 | 260 | 3200 | 3800 | | 114 | 169 | | 2 | 2 | 5.2 |
| NJ220EM | 42220 | 100 | 180 | 34 | 2.1 | 2.1 | 119 | | 190 | 260 | 3200 | 3800 | | 114 | 169 | | 2 | 2 | 3.9 |
| NU2220M | 32520 | 100 | 180 | 46 | 2.1 | 2.1 | 120 | | 260 | 390 | 3200 | 3800 | | 114 | 169 | | 2 | 2 | 5.2 |
| NU320EM | 32320EH | 100 | 215 | 47 | 3 | 3 | 127.5 | | 380 | 470 | 2400 | 3000 | | 116 | 202 | | 2.5 | 2.5 | 8.35 |
| N320EM | 2320EH | 100 | 215 | 47 | 3 | 3 | | 191.5 | 380 | 470 | 2400 | 3000 | 116 | | | 197 | 2.5 | 2.5 | 9.67 |
| N2320M | 2620 | 100 | 215 | 73 | 3 | 3 | | 185.5 | 440 | 630 | 2400 | 3000 | 116 | | | 197 | 2.5 | 2.5 | 13.1 |
| NU2320M | 32620 | 100 | 215 | 73 | 3 | 3 | 129.5 | | 440 | 630 | 2400 | 3000 | | 116 | 197 | | 2.5 | 2.5 | 13.2 |
| NJ2320M | 42620 | 100 | 215 | 73 | 3 | 3 | 129.5 | | 440 | 630 | 2400 | 3000 | | 116 | 197 | | 2.5 | 2.5 | 13.5 |
| NF1021M | 12121 | 105 | 160 | 26 | 2 | 1.1 | 119.5 | 145.5 | 120 | 176 | 4000 | 4800 | | 114 | 150 | | 2 | 1 | 1.93 |
| N1021M | 2121 | 105 | 160 | 26 | 2 | 1.1 | | 145.5 | 120 | 176 | 4000 | 4800 | 117 | | | 150 | 2 | 1 | 1.82 |
| N221M | 2221 | 105 | 190 | 36 | 2.1 | 2.1 | | 168.8 | 210 | 290 | 3000 | 3600 | 119 | | | 175 | 2 | 2 | 4.33 |
| NJ221M | 42221 | 105 | 190 | 36 | 2.1 | 2.1 | 126.8 | | 210 | 290 | 3000 | 3600 | | 121 | 179 | | 2 | 2 | 4.34 |
| N321EM | 2321EH | 105 | 225 | 49 | 3 | 3 | | 201 | 420 | 550 | 2200 | 2800 | 121 | | | 203 | 2.5 | 2.5 | 10.5 |
| NU321EM | 32321EH | 105 | 225 | 49 | 3 | 3 | 133 | | 420 | 550 | 2200 | 2800 | | 121 | 212 | | 2.5 | 2.5 | 10.6 |
| N421M | 2421 | 105 | 260 | 60 | 4 | 4 | | 220.5 | 550 | 700 | 2200 | 2800 | 121 | | | 224 | 3 | 3 | 17.2 |
| N1022M | 2122 | 110 | 170 | 28 | 2 | 1.1 | | 155 | 148 | 203 | 3800 | 4500 | 122 | | | 160 | | | 2.31 |
| NU1022M | 32122 | 110 | 170 | 28 | 2 | 1.1 | 125 | | 148 | 203 | 3800 | 4500 | | 119 | 157 | | 2 | 1 | 2.32 |
| NJ1022M | 42122 | 110 | 170 | 28 | 2 | 1.1 | 125 | | 148 | 203 | 3800 | 4500 | | 119 | 157 | | 2 | 1 | 2.39 |
| N222M | 2222 | 110 | 200 | 38 | 2.1 | 2.1 | | 178.5 | 255 | 340 | 2800 | 3400 | 124 | | | 185 | 2 | 2 | 5.02 |
| NU222M | 32222 | 110 | 200 | 38 | 2.1 | 2.1 | 132.5 | | 255 | 340 | 2800 | 3400 | | 124 | 185 | | 2 | 2 | 5.05 |
| NJ222M | 42222 | 110 | 200 | 38 | 2.1 | 2.1 | 132.5 | | 255 | 340 | 2800 | 3400 | | 124 | 185 | | 2 | 2 | 5.1 |
| NU2222EC | 32522 | 110 | 200 | 53 | | | 132 | | 380 | 520 | 2800 | 3400 | | 124 | 185 | | 2 | 2 | 7.73 |
| N322EM | 2322EH | 110 | 240 | 50 | 3 | 3 | | 211 | 430 | 540 | 2000 | 2600 | 126 | | | 227 | 2.5 | 2.5 | 11.4 |
| NU322M | 32322 | 110 | 240 | 50 | 3 | 3 | 143 | 207 | 400 | 525 | 2000 | 2600 | | 126 | 222 | | 2.5 | 2.5 | 11.6 |
| NJ322M | 42322 | 110 | 240 | 50 | 3 | 3 | 143 | 207 | 400 | 525 | 2000 | 2600 | | 126 | 222 | | 2.5 | 2.5 | 11.8 |
| NU2322EM | 32622EH | 110 | 240 | 80 | 3 | 3 | 143 | | 620 | 800 | 2000 | 2600 | | 126 | 222 | | 2.5 | 2.5 | 18.3 |
| N422M | 2422 | 110 | 280 | 65 | 4 | 4 | | 235 | 580 | 735 | 2000 | 2600 | 130 | | | 252 | 3 | 3 | 21.8 |