



## SKF Cylindrical roller bearing caged Single row Series: NU

### Product description

Single-row cylindrical roller bearings with a cage comprising cylindrical rollers caged between a solid outer and inner ring. These bearings have a high level of rigidity, can support heavy radial loads and are suitable for high speeds. The inner and outer rings can be fitted separately, making installation and removal a simple process. Single-row cylindrical roller bearings are available in various designs. The most common models are NU, N, NJ and NUP. The main difference is the configuration of the ribs.

### NU design:

The outer ring of an NU cylindrical bearing has two fixed ribs, whereas the inner ring of the cylindrical bearing has no ribs. The axial displacement of the shaft relative to the casing can be accommodated in both directions.

### Characteristics

Series: NU

| Manufacturer ID | Cage material | Inner diameter<br>mm | Outer diameter<br>mm | Width<br>mm | Internal clearance | With sealing | Article        |
|-----------------|---------------|----------------------|----------------------|-------------|--------------------|--------------|----------------|
| NU 1008 ML      | Brass         | 40                   | 68                   | 15          | CN (normal)        | No           | NU1008M-SKF    |
| NU 308 ECM/C3   | Brass         | 40                   | 90                   | 23          | C3                 | No           | NU308MC3-SKF   |
| NU 2308 ECML/C3 | Brass         | 40                   | 90                   | 33          | C3                 | No           | NU2308MC3-SKF  |
| NU 309 ECM/C3   | Brass         | 45                   | 100                  | 25          | C3                 | No           | NU309MC3-SKF   |
| NU 1010 ML      | Brass         | 50                   | 80                   | 16          | CN (normal)        | No           | NU1010M-SKF    |
| NU 311 ECM      | Brass         | 55                   | 120                  | 29          | CN (normal)        | No           | NU311M-SKF     |
| NU 2311 ECML    | Brass         | 55                   | 120                  | 43          | CN (normal)        | No           | NU2311M-SKF    |
| NU 1014 ML      | Brass         | 70                   | 110                  | 20          | CN (normal)        | No           | NU1014M-SKF    |
| NU 314 ECM      | Brass         | 70                   | 150                  | 35          | CN (normal)        | No           | NU314M-SKF     |
| NU 1015 ML/C3   | Brass         | 75                   | 115                  | 20          | C3                 | No           | NU1015MLC3-SKF |
| NU 315 ECM      | Brass         | 75                   | 160                  | 37          | CN (normal)        | No           | NU315M-SKF     |
| NU 316 ECM/C3   | Brass         | 80                   | 170                  | 39          | C3                 | No           | NU316MC3-SKF   |
| NU 2316 ECML/C3 | Brass         | 80                   | 170                  | 58          | C3                 | No           | NU2316MC3-SKF  |
| NU 1017 ML      | Brass         | 85                   | 130                  | 22          | CN (normal)        | No           | NU1017M-SKF    |
| NU 217 ECM/C3   | Brass         | 85                   | 150                  | 28          | C3                 | No           | NU217MC3-SKF   |
| NU 320 ECM/C3   | Brass         | 100                  | 215                  | 47          | C3                 | No           | NU320MC3-SKF   |
| NU 320 ECM      | Brass         | 100                  | 215                  | 47          | CN (normal)        | No           | NU320M-SKF     |
| NU 1022 ML      | Brass         | 110                  | 170                  | 28          | CN (normal)        | No           | NU1022M-SKF    |
| NU 1024 ML/C3   | Brass         | 120                  | 180                  | 28          | C3                 | No           | NU1024MLC3-SKF |
| NU 224 ECM/C3   | Brass         | 120                  | 215                  | 40          | C3                 | No           | NU224MC3-SKF   |
| NU 324 ECML/C3  | Brass         | 120                  | 260                  | 55          | C3                 | No           | NU324MLC3-SKF  |
| NU 1026 ML/C3   | Brass         | 130                  | 200                  | 33          | C3                 | No           | NU1026MC3-SKF  |
| NU 326 ECM      | Brass         | 130                  | 280                  | 58          | CN (normal)        | No           | NU326M-SKF     |
| NU 1032 ML      | Brass         | 160                  | 240                  | 38          | CN (normal)        | No           | NU1032M-SKF    |
| NU 1034 M/C3    | Brass         | 170                  | 260                  | 42          | C3                 | No           | NU1034MC3-SKF  |
| NU 1034 ML/C3   | Brass         | 170                  | 260                  | 42          | C3                 | No           | NU1034MLC3-SKF |
| NU 244 ECM/C3   | Brass         | 220                  | 400                  | 65          | C3                 | No           | NU244MC3-SKF   |
| NU 1048 ML      | Brass         | 240                  | 360                  | 56          | CN (normal)        | No           | NU1048ML-SKF   |
| NU 1052 ML      | Brass         | 260                  | 400                  | 65          | CN (normal)        | No           | NU1052ML-SKF   |
| NU 1056 ML      | Brass         | 280                  | 420                  | 65          | CN (normal)        | No           | NU1056ML-SKF   |
| NU 202 ECP      | Plastic       | 15                   | 35                   | 11          | CN (normal)        | No           | NU202-SKF      |
| NU 203 ECP      | Plastic       | 17                   | 40                   | 12          | CN (normal)        | No           | NU203-SKF      |
| NU 204 ECP      | Plastic       | 20                   | 47                   | 14          | CN (normal)        | No           | NU204-SKF      |
| NU 2204 ECP     | Plastic       | 20                   | 47                   | 18          | CN (normal)        | No           | NU2204-SKF     |

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.

| Manufacturer ID | Cage material | Inner diameter<br>mm | Outer diameter<br>mm | Width<br>mm | Internal clearance | With sealing | Article      |
|-----------------|---------------|----------------------|----------------------|-------------|--------------------|--------------|--------------|
| NU 304 ECP      | Plastic       | 20                   | 52                   | 15          | CN (normal)        | No           | NU304-SKF    |
| NU 205 ECP/C3   | Plastic       | 25                   | 52                   | 15          | C3                 | No           | NU205C3-SKF  |
| NU 205 ECP      | Plastic       | 25                   | 52                   | 15          | CN (normal)        | No           | NU205-SKF    |
| NU 2205 ECP     | Plastic       | 25                   | 52                   | 18          | CN (normal)        | No           | NU2205-SKF   |
| NU 305 ECP/C3   | Plastic       | 25                   | 62                   | 17          | C3                 | No           | NU305C3-SKF  |
| NU 305 ECP      | Plastic       | 25                   | 62                   | 17          | CN (normal)        | No           | NU305-SKF    |
| NU 206 ECP/C3   | Plastic       | 30                   | 62                   | 16          | C3                 | No           | NU206C3-SKF  |
| NU 206 ECP      | Plastic       | 30                   | 62                   | 16          | CN (normal)        | No           | NU206-SKF    |
| NU 2206 ECP     | Plastic       | 30                   | 62                   | 20          | CN (normal)        | No           | NU2206-SKF   |
| NU 306 ECP      | Plastic       | 30                   | 72                   | 19          | CN (normal)        | No           | NU306-SKF    |
| NU 1007 ECP/C3  | Plastic       | 35                   | 62                   | 14          | C3                 | No           | NU1007C3-SKF |
| NU 1007 ECP     | Plastic       | 35                   | 62                   | 14          | CN (normal)        | No           | NU1007-SKF   |
| NU 207 ECP/C3   | Plastic       | 35                   | 72                   | 17          | C3                 | No           | NU207C3-SKF  |
| NU 207 ECP      | Plastic       | 35                   | 72                   | 17          | CN (normal)        | No           | NU207-SKF    |
| NU 307 ECP/C3   | Plastic       | 35                   | 80                   | 21          | C3                 | No           | NU307C3-SKF  |
| NU 307 ECP      | Plastic       | 35                   | 80                   | 21          | CN (normal)        | No           | NU307-SKF    |
| NU 2307 ECP/C3  | Plastic       | 35                   | 80                   | 31          | C3                 | No           | NU2307C3-SKF |
| NU 2307 ECP     | Plastic       | 35                   | 80                   | 31          | CN (normal)        | No           | NU2307-SKF   |
| NU 208 ECP      | Plastic       | 40                   | 80                   | 18          | CN (normal)        | No           | NU208-SKF    |
| NU 2208 ECP/C3  | Plastic       | 40                   | 80                   | 23          | C3                 | No           | NU2208C3-SKF |
| NU 2208 ECP     | Plastic       | 40                   | 80                   | 23          | CN (normal)        | No           | NU2208-SKF   |
| NU 308 ECP/C3   | Plastic       | 40                   | 90                   | 23          | C3                 | No           | NU308C3-SKF  |
| NU 308 ECP      | Plastic       | 40                   | 90                   | 23          | CN (normal)        | No           | NU308-SKF    |
| NU 1009 ECP     | Plastic       | 45                   | 75                   | 16          | CN (normal)        | No           | NU1009-SKF   |
| NU 209 ECP      | Plastic       | 45                   | 85                   | 19          | CN (normal)        | No           | NU209-SKF    |
| NU 2209 ECP/C3  | Plastic       | 45                   | 85                   | 23          | C3                 | No           | NU2209C3-SKF |
| NU 2209 ECP     | Plastic       | 45                   | 85                   | 23          | CN (normal)        | No           | NU2209-SKF   |
| NU 309 ECP/C3   | Plastic       | 45                   | 100                  | 25          | C3                 | No           | NU309C3-SKF  |
| NU 309 ECP      | Plastic       | 45                   | 100                  | 25          | CN (normal)        | No           | NU309-SKF    |
| NU 2309 ECP/C3  | Plastic       | 45                   | 100                  | 36          | C3                 | No           | NU2309C3-SKF |
| NU 2309 ECP     | Plastic       | 45                   | 100                  | 36          | CN (normal)        | No           | NU2309-SKF   |
| NU 210 ECP      | Plastic       | 50                   | 90                   | 20          | CN (normal)        | No           | NU210-SKF    |
| NU 2210 ECP/C3  | Plastic       | 50                   | 90                   | 23          | C3                 | No           | NU2210C3-SKF |
| NU 2210 ECP     | Plastic       | 50                   | 90                   | 23          | CN (normal)        | No           | NU2210-SKF   |
| NU 310 ECP/C3   | Plastic       | 50                   | 110                  | 27          | C3                 | No           | NU310C3-SKF  |
| NU 310 ECP      | Plastic       | 50                   | 110                  | 27          | CN (normal)        | No           | NU310-SKF    |
| NU 2310 ECP     | Plastic       | 50                   | 110                  | 40          | CN (normal)        | No           | NU2310-SKF   |
| NU 211 ECP      | Plastic       | 55                   | 100                  | 21          | CN (normal)        | No           | NU211-SKF    |
| NU 2211 ECP     | Plastic       | 55                   | 100                  | 25          | CN (normal)        | No           | NU2211-SKF   |
| NU 311 ECP/C3   | Plastic       | 55                   | 120                  | 29          | C3                 | No           | NU311C3-SKF  |
| NU 311 ECP      | Plastic       | 55                   | 120                  | 29          | CN (normal)        | No           | NU311-SKF    |
| NU 2311 ECP/C3  | Plastic       | 55                   | 120                  | 43          | C3                 | No           | NU2311C3-SKF |
| NU 2311 ECP     | Plastic       | 55                   | 120                  | 43          | CN (normal)        | No           | NU2311-SKF   |
| NU 212 ECP/C3   | Plastic       | 60                   | 110                  | 22          | C3                 | No           | NU212C3-SKF  |
| NU 212 ECP      | Plastic       | 60                   | 110                  | 22          | CN (normal)        | No           | NU212-SKF    |
| NU 2212 ECP/C3  | Plastic       | 60                   | 110                  | 28          | C3                 | No           | NU2212C3-SKF |
| NU 312 ECP/C3   | Plastic       | 60                   | 130                  | 31          | C3                 | No           | NU312C3-SKF  |
| NU 312 ECP      | Plastic       | 60                   | 130                  | 31          | CN (normal)        | No           | NU312-SKF    |
| NU 213 ECP/C3   | Plastic       | 65                   | 120                  | 23          | C3                 | No           | NU213C3-SKF  |
| NU 213 ECP      | Plastic       | 65                   | 120                  | 23          | CN (normal)        | No           | NU213-SKF    |
| NU 2213 ECP/C3  | Plastic       | 65                   | 120                  | 31          | C3                 | No           | NU2213C3-SKF |
| NU 2213 ECP     | Plastic       | 65                   | 120                  | 31          | CN (normal)        | No           | NU2213-SKF   |
| NU 313 ECP/C3   | Plastic       | 65                   | 140                  | 33          | C3                 | No           | NU313C3-SKF  |

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.

| Manufacturer ID | Cage material | Inner diameter<br>mm | Outer diameter<br>mm | Width<br>mm | Internal clearance | With sealing | Article       |
|-----------------|---------------|----------------------|----------------------|-------------|--------------------|--------------|---------------|
| NU 313 ECP      | Plastic       | 65                   | 140                  | 33          | CN (normal)        | No           | NU313-SKF     |
| NU 214 ECP      | Plastic       | 70                   | 125                  | 24          | CN (normal)        | No           | NU214-SKF     |
| NU 314 ECP/C3   | Plastic       | 70                   | 150                  | 35          | C3                 | No           | NU314C3-SKF   |
| NU 314 ECP      | Plastic       | 70                   | 150                  | 35          | CN (normal)        | No           | NU314-SKF     |
| NU 215 ECP      | Plastic       | 75                   | 130                  | 25          | CN (normal)        | No           | NU215-SKF     |
| NU 2215 ECP     | Plastic       | 75                   | 130                  | 31          | CN (normal)        | No           | NU2215-SKF    |
| NU 315 ECP/C3   | Plastic       | 75                   | 160                  | 37          | C3                 | No           | NU315C3-SKF   |
| NU 315 ECP      | Plastic       | 75                   | 160                  | 37          | CN (normal)        | No           | NU315-SKF     |
| NU 216 ECP/C3   | Plastic       | 80                   | 140                  | 26          | C3                 | No           | NU216C3-SKF   |
| NU 216 ECP      | Plastic       | 80                   | 140                  | 26          | CN (normal)        | No           | NU216-SKF     |
| NU 2216 ECP/C3  | Plastic       | 80                   | 140                  | 33          | C3                 | No           | NU2216C3-SKF  |
| NU 2216 ECP     | Plastic       | 80                   | 140                  | 33          | CN (normal)        | No           | NU2216-SKF    |
| NU 316 ECP/C3   | Plastic       | 80                   | 170                  | 39          | C3                 | No           | NU316C3-SKF   |
| NU 316 ECP      | Plastic       | 80                   | 170                  | 39          | CN (normal)        | No           | NU316-SKF     |
| NU 217 ECP/C3   | Plastic       | 85                   | 150                  | 28          | C3                 | No           | NU217C3-SKF   |
| NU 217 ECP      | Plastic       | 85                   | 150                  | 28          | CN (normal)        | No           | NU217-SKF     |
| NU 2217 ECP     | Plastic       | 85                   | 150                  | 36          | CN (normal)        | No           | NU2217-SKF    |
| NU 2317 ECP     | Plastic       | 85                   | 180                  | 60          | CN (normal)        | No           | NU2317-SKF    |
| NU 218 ECP/C3   | Plastic       | 90                   | 160                  | 30          | C3                 | No           | NU218C3-SKF   |
| NU 219 ECP      | Plastic       | 95                   | 170                  | 32          | CN (normal)        | No           | NU219-SKF     |
| NU 2219 ECP/C3  | Plastic       | 95                   | 170                  | 43          | C3                 | No           | NU2219C3-SKF  |
| NU 319 ECP/C3   | Plastic       | 95                   | 200                  | 45          | C3                 | No           | NU319C3-SKF   |
| NU 220 ECP      | Plastic       | 100                  | 180                  | 34          | CN (normal)        | No           | NU220-SKF     |
| NU 320 ECP/C3   | Plastic       | 100                  | 215                  | 47          | C3                 | No           | NU320C3-SKF   |
| NU 320 ECP      | Plastic       | 100                  | 215                  | 47          | CN (normal)        | No           | NU320-SKF     |
| NU 2222 ECP/C3  | Plastic       | 110                  | 200                  | 53          | C3                 | No           | NU2222C3-SKF  |
| NU 322 ECP/C3   | Plastic       | 110                  | 240                  | 50          | C3                 | No           | NU322C3-SKF   |
| NU 224 ECP/C3   | Plastic       | 120                  | 215                  | 40          | C3                 | No           | NU224C3-SKF   |
| NU 226 ECP      | Plastic       | 130                  | 230                  | 40          | CN (normal)        | No           | NU226-SKF     |
| NU 326 ECP      | Plastic       | 130                  | 280                  | 58          | CN (normal)        | No           | NU326-SKF     |
| NU 1006         | Steel         | 30                   | 55                   | 13          | CN (normal)        | No           | NU1006-SKF    |
| NU 307 ECJ      | Steel         | 35                   | 80                   | 21          | CN (normal)        | No           | NU307J-SKF    |
| NU 2208 ECJ/C3  | Steel         | 40                   | 80                   | 23          | C3                 | No           | NU2208JC3-SKF |
| NU 308 ECJ/C3   | Steel         | 40                   | 90                   | 23          | C3                 | No           | NU308JC3-SKF  |
| NU 308 ECJ      | Steel         | 40                   | 90                   | 23          | CN (normal)        | No           | NU308J-SKF    |
| NU 2209 ECJ     | Steel         | 45                   | 85                   | 23          | CN (normal)        | No           | NU2209J-SKF   |
| NU 309 ECJ/C3   | Steel         | 45                   | 100                  | 25          | C3                 | No           | NU309JC3-SKF  |
| NU 309 ECJ      | Steel         | 45                   | 100                  | 25          | CN (normal)        | No           | NU309J-SKF    |
| NU 210 ECJ/C3   | Steel         | 50                   | 90                   | 20          | C3                 | No           | NU210JC3-SKF  |
| NU 210 ECJ      | Steel         | 50                   | 90                   | 20          | CN (normal)        | No           | NU210J-SKF    |
| NU 310 ECJ/C3   | Steel         | 50                   | 110                  | 27          | C3                 | No           | NU310JC3-SKF  |
| NU 310 ECJ      | Steel         | 50                   | 110                  | 27          | CN (normal)        | No           | NU310J-SKF    |
| NU 2211 ECJ     | Steel         | 55                   | 100                  | 25          | CN (normal)        | No           | NU2211J-SKF   |
| NU 311 ECJ/C3   | Steel         | 55                   | 120                  | 29          | C3                 | No           | NU311JC3-SKF  |
| NU 311 ECJ      | Steel         | 55                   | 120                  | 29          | CN (normal)        | No           | NU311J-SKF    |
| NU 212 ECJ/C3   | Steel         | 60                   | 110                  | 22          | C3                 | No           | NU212JC3-SKF  |
| NU 312 ECJ/C3   | Steel         | 60                   | 130                  | 31          | C3                 | No           | NU312JC3-SKF  |
| NU 312 ECJ      | Steel         | 60                   | 130                  | 31          | CN (normal)        | No           | NU312J-SKF    |
| NU 313 ECJ/C3   | Steel         | 65                   | 140                  | 33          | C3                 | No           | NU313JC3-SKF  |
| NU 2214 ECJ     | Steel         | 70                   | 125                  | 31          | CN (normal)        | No           | NU2214J-SKF   |
| NU 314 ECJ      | Steel         | 70                   | 150                  | 35          | CN (normal)        | No           | NU314J-SKF    |
| NU 215 ECJ      | Steel         | 75                   | 130                  | 25          | CN (normal)        | No           | NU215J-SKF    |
| NU 2215 ECJ     | Steel         | 75                   | 130                  | 31          | CN (normal)        | No           | NU2215J-SKF   |

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.

| Manufacturer ID | Cage material | Inner diameter<br>mm | Outer diameter<br>mm | Width<br>mm | Internal clearance | With sealing | Article      |
|-----------------|---------------|----------------------|----------------------|-------------|--------------------|--------------|--------------|
| NU 315 ECJ      | Steel         | 75                   | 160                  | 37          | CN (normal)        | No           | NU315J-SKF   |
| NU 216 ECJ      | Steel         | 80                   | 140                  | 26          | CN (normal)        | No           | NU216J-SKF   |
| NU 316 ECJ/C3   | Steel         | 80                   | 170                  | 39          | C3                 | No           | NU316JC3-SKF |
| NU 317 ECJ      | Steel         | 85                   | 180                  | 41          | CN (normal)        | No           | NU317J-SKF   |
| NU 318 ECJ      | Steel         | 90                   | 190                  | 43          | CN (normal)        | No           | NU318J-SKF   |
| NU 219 ECJ      | Steel         | 95                   | 170                  | 32          | CN (normal)        | No           | NU219J-SKF   |
| NU 319 ECJ/C3   | Steel         | 95                   | 200                  | 45          | C3                 | No           | NU319JC3-SKF |
| NU 220 ECJ      | Steel         | 100                  | 180                  | 34          | CN (normal)        | No           | NU220J-SKF   |
| NU 320 ECJ      | Steel         | 100                  | 215                  | 47          | CN (normal)        | No           | NU320J-SKF   |
| NU 321 ECJ/C3   | Steel         | 105                  | 225                  | 49          | C3                 | No           | NU321JC3-SKF |
| NU 224 ECJ      | Steel         | 120                  | 215                  | 40          | CN (normal)        | No           | NU224J-SKF   |
| NU 324 ECJ/C3   | Steel         | 120                  | 260                  | 55          | C3                 | No           | NU324JC3-SKF |
| NU 324 ECJ      | Steel         | 120                  | 260                  | 55          | CN (normal)        | No           | NU324J-SKF   |
| NU 226 ECJ/C3   | Steel         | 130                  | 230                  | 40          | C3                 | No           | NU226JC3-SKF |
| NU 228 ECJ      | Steel         | 140                  | 250                  | 42          | CN (normal)        | No           | NU228J-SKF   |

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.