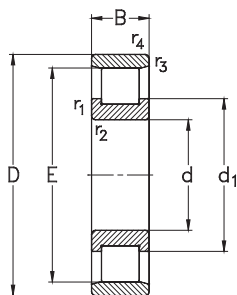
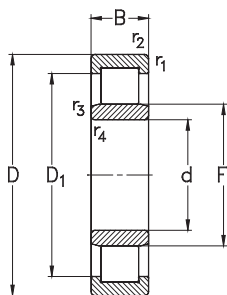


# Einreihige Zylinderrollenlager

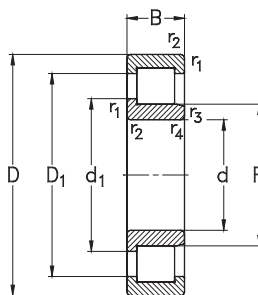
## Single Row Cylindrical Roller Bearings



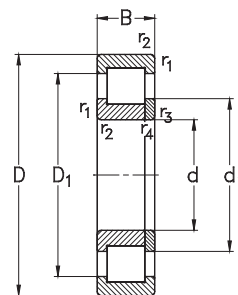
N...



NU...



NJ...



NUP...

| Hauptabmessungen [mm]    |     |     | Tragzahlen [kN]        |                          |                | Referenzdrehzahlen [min <sup>-1</sup> ] | Grenzdrehzahlen [min <sup>-1</sup> ] | Lagertyp       | Alternative Käfige |
|--------------------------|-----|-----|------------------------|--------------------------|----------------|---|--------------------------------------|----------------|--------------------|
| Boundary dimensions [mm] |     |     | Load ratings [kN]      |                          |                | Thermal speed ratings [rpm]             | Limited speed ratings [rpm]          | Designation    | Alternative cages  |
| d                        | D   | B   | C <sub>r</sub><br>dyn. | C <sub>0r</sub><br>stat. | C <sub>u</sub> | n <sub>0r</sub>                         | n <sub>G</sub>                       |                |                    |
| 50                       | 110 | 27  | 124                    | 115                      | 14             | 6100                                    | 8000                                 | N310-E-M6      | --                 |
|                          | 110 | 27  | 124                    | 115                      | 14             | 6100                                    | 8000                                 | NU310-E-TVP3   | M6, MA6, MPA       |
|                          | 110 | 27  | 124                    | 115                      | 14             | 6100                                    | 8000                                 | NJ310-E-TVP3   | M6, MA6, MPA       |
|                          | 110 | 27  | 124                    | 115                      | 14             | 6100                                    | 8000                                 | NUP310-E-TVP3  | M6, MA6, MPA       |
|                          | 110 | 40  | 182                    | 189                      | 23             | 5000                                    | 8000                                 | NU2310-E-TVP3  | M6, MA6, MPA       |
|                          | 110 | 40  | 182                    | 189                      | 23             | 5000                                    | 8000                                 | NJ2310-E-TVP3  | M6, MA6, MPA       |
|                          | 110 | 40  | 182                    | 189                      | 23             | 5000                                    | 8000                                 | NUP2310-E-TVP3 | M6, MA6, MPA       |
|                          | 130 | 31  | 141                    | 139                      | 16,9           | 5500                                    | 7000                                 | NU410-M        | --                 |
|                          | 130 | 31  | 141                    | 139                      | 16,9           | 5500                                    | 7000                                 | NJ410-M        | --                 |
| 130                      | 31  | 141 | 139                    | 16,9                     | 5500           | 7000                                    | NUP410-M                             | --             |                    |
| 55                       | 90  | 18  | 52                     | 62                       | 7,5            | 6700                                    | 8500                                 | NU1011-E-MPA   | M6                 |
|                          | 100 | 21  | 95                     | 98                       | 11,9           | 5800                                    | 8000                                 | N211-E-M6      | --                 |
|                          | 100 | 21  | 95                     | 98                       | 11,9           | 5800                                    | 8000                                 | NU211-E-TVP3   | M6, MA6, MPA       |
|                          | 100 | 21  | 95                     | 98                       | 11,9           | 5800                                    | 8000                                 | NJ211-E-TVP3   | M6, MA6, MPA       |
|                          | 100 | 21  | 95                     | 98                       | 11,9           | 5800                                    | 8000                                 | NUP211-E-TVP3  | M6, MA6, MPA       |
|                          | 100 | 25  | 112                    | 121                      | 14,7           | 4700                                    | 8000                                 | NU2211-E-TVP3  | M6, MA6, MPA       |
|                          | 100 | 25  | 112                    | 121                      | 14,7           | 4700                                    | 8000                                 | NJ2211-E-TVP3  | M6, MA6, MPA       |
|                          | 100 | 25  | 112                    | 121                      | 14,7           | 4700                                    | 8000                                 | NUP2211-E-TVP3 | M6, MA6, MPA       |
|                          | 120 | 29  | 153                    | 143                      | 17,4           | 5500                                    | 7000                                 | N311-E-M6      | --                 |
|                          | 120 | 29  | 153                    | 143                      | 17,4           | 5500                                    | 7000                                 | NU311-E-TVP3   | M6, MA6, MPA       |
|                          | 120 | 29  | 153                    | 143                      | 17,4           | 5500                                    | 7000                                 | NJ311-E-TVP3   | M6, MA6, MPA       |
|                          | 120 | 29  | 153                    | 143                      | 17,4           | 5500                                    | 7000                                 | NUP311-E-TVP3  | M6, MA6, MPA       |