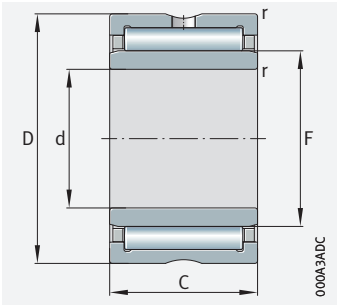
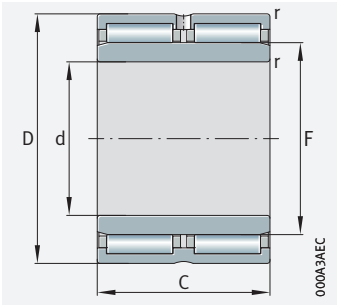
# Needle roller bearings with ribs

With inner ring
Open




*NKI, NKIS, NA49*




*NA69..-ZW*

## d = 38 – 95 mm

| Main dimensions | | | Basic load ratings | | Fatigue limit load | Limiting speed | Speed rating | Mass | Designation | Dimensions | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| d | D | B | dyn. $C_r$ | stat. $C_{0r}$ | $C_{ur}$ | $n_G$ | $n_{\vartheta r}$ | m | ➤*936*\|*1.12* ➤*937*\|*1.13* X-life ➤*930* | F | r | s |
| | | | N | N | N | $min^{-1}$ | $min^{-1}$ | ≈ g | | | min. | |
| **38** | 53 | 20 | 30 500 | 51 000 | 9 100 | 10 700 | 6 000 | 136 | **NKI38/20-XL** | 43 | 0,3 | 0,5 |
| | 53 | 30 | 45 500 | 85 000 | 16 100 | 10 700 | 5 900 | 207 | **NKI38/30-XL** | 43 | 0,3 | 1 |
| **40** | 55 | 20 | 35 000 | 62 000 | 11 000 | 10 200 | 5 600 | 136 | **NKI40/20-TV-XL** | 45 | 0,3 | 0,5 |
| | 55 | 30 | 54 000 | 97 000 | 18 600 | 10 200 | 5 900 | 216 | **NKI40/30-TW-XL** | 45 | 0,3 | 1 |
| | 55 | 30 | 52 000 | 103 000 | 19 500 | 10 200 | 5 400 | 216 | **NKI40/30-TV-XL** | 45 | 0,3 | 1 |
| | 62 | 22 | 48 500 | 67 000 | 11 700 | 9 200 | 5 000 | 230 | **NA4908-XL** | 48 | 0,6 | 1 |
| | 62 | 40 | 74 000 | 116 000 | 19 800 | 9 200 | 5 100 | 430 | **NA6908-ZW-XL** | 48 | 0,6 | 0,5 |
| | 65 | 22 | 48 000 | 67 000 | 11 800 | 8 900 | 4 850 | 281 | **NKIS40-XL** | 50 | 1 | 0,5 |
| **42** | 57 | 20 | 32 500 | 56 000 | 10 100 | 9 800 | 5 600 | 148 | **NKI42/20-XL** | 47 | 0,3 | 0,5 |
| | 57 | 30 | 48 500 | 94 000 | 17 800 | 9 800 | 5 400 | 222 | **NKI42/30-XL** | 47 | 0,3 | 1 |
| **45** | 62 | 25 | 48 500 | 87 000 | 15 000 | 9 200 | 5 100 | 217 | **NKI45/25-TV-XL** | 50 | 0,6 | 1,5 |
| | 62 | 35 | 67 000 | 132 000 | 24 300 | 9 200 | 4 950 | 308 | **NKI45/35-TV-XL** | 50 | 0,6 | 2 |
| | 68 | 22 | 51 000 | 73 000 | 12 900 | 8 600 | 4 700 | 271 | **NA4909-XL** | 52 | 0,6 | 1 |
| | 68 | 40 | 79 000 | 127 000 | 21 800 | 8 600 | 4 750 | 495 | **NA6909-ZW-XL** | 52 | 0,6 | 0,5 |
| | 72 | 22 | 51 000 | 74 000 | 13 000 | 8 200 | 4 600 | 336 | **NKIS45-XL** | 55 | 1 | 0,5 |
| **50** | 68 | 25 | 45 500 | 82 000 | 14 300 | 8 400 | 4 950 | 270 | **NKI50/25-XL** | 55 | 0,6 | 1,5 |
| | 68 | 35 | 60 000 | 118 000 | 21 600 | 8 400 | 4 900 | 379 | **NKI50/35-XL** | 55 | 0,6 | 2 |
| | 72 | 22 | 53 000 | 80 000 | 14 100 | 7 800 | 4 150 | 274 | **NA4910-XL** | 58 | 0,6 | 1 |
| | 72 | 40 | 82 000 | 139 000 | 23 800 | 7 800 | 4 200 | 515 | **NA6910-ZW-XL** | 58 | 0,6 | 0,5 |
| | 80 | 28 | 71 000 | 98 000 | 17 600 | 7 400 | 4 250 | 518 | **NKIS50-XL** | 60 | 1,1 | 2 |
| **55** | 72 | 25 | 52 000 | 92 000 | 17 400 | 7 700 | 4 900 | 255 | **NKI55/25-TW-XL** | 60 | 0,6 | 1,5 |
| | 72 | 25 | 53 000 | 103 000 | 17 800 | 7 700 | 4 400 | 255 | **NKI55/25-TV-XL** | 60 | 0,6 | 1,5 |
| | 72 | 35 | 63 000 | 130 000 | 23 900 | 7 700 | 4 550 | 379 | **NKI55/35-XL** | 60 | 0,6 | 2 |
| | 80 | 25 | 65 000 | 100 000 | 17 600 | 7 200 | 4 000 | 393 | **NA4911-XL** | 63 | 1 | 1,5 |
| | 80 | 45 | 102 000 | 176 000 | 30 500 | 7 200 | 4 000 | 780 | **NA6911-ZW-XL** | 63 | 1 | 1,5 |
| | 85 | 28 | 75 000 | 108 000 | 19 400 | 6 900 | 4 000 | 558 | **NKIS55-XL** | 65 | 1,1 | 2 |
| **60** | 82 | 25 | 49 500 | 89 000 | 15 500 | 6 800 | 4 200 | 394 | **NKI60/25-XL** | 68 | 0,6 | 1 |
| | 82 | 35 | 70 000 | 139 000 | 26 000 | 6 800 | 4 050 | 553 | **NKI60/35-XL** | 68 | 0,6 | 1 |
| | 85 | 25 | 68 000 | 108 000 | 19 100 | 6 700 | 3 700 | 426 | **NA4912-XL** | 68 | 1 | 1,5 |
| | 85 | 45 | 106 000 | 191 000 | 33 000 | 6 700 | 3 700 | 808 | **NA6912-ZW-XL** | 68 | 1 | 1,5 |
| | 90 | 28 | 77 000 | 113 000 | 20 400 | 6 400 | 3 800 | 560 | **NKIS60-XL** | 70 | 1,1 | 2 |

***medias*** *https://www.schaeffler.de/std/1F9A*