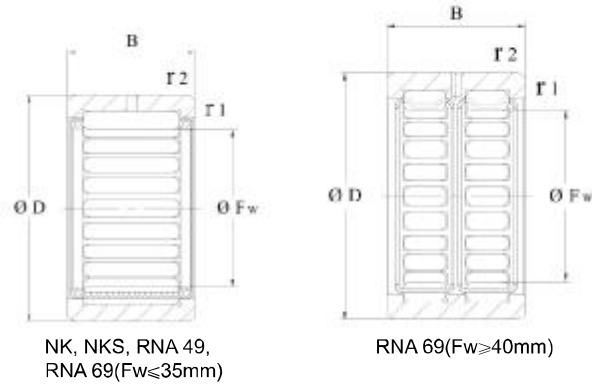


## Needle roller bearings without inner rings

Series NK..  
NKS..  
RNA 49..  
RNA 69..



| Shaft diameter | Dimensions     |    |    |                        | Load ratings |          | Speed ratings     |        | Code bearing HMEC | Weight ≈ kg |
|----------------|----------------|----|----|------------------------|--------------|----------|-------------------|--------|-------------------|-------------|
|                | F <sub>w</sub> | D  | B  | r <sub>1, r2 min</sub> | dyn. C       | stat. Co | min <sup>-1</sup> |        |                   |             |
|                | mm             | mm | mm | mm                     | kN           |          | ng grease         | ng Oil |                   |             |
| 22             | 22             | 30 | 13 | 0.3                    | 10.4         | 14.6     | 12000             | 19000  | <b>RNA4903</b>    | 0.025       |
|                | 22             | 30 | 16 | 0.3                    | 13.4         | 20       | 12000             | 19000  | <b>NK22/16</b>    | 0.034       |
|                | 22             | 30 | 20 | 0.3                    | 16           | 25       | 12000             | 19000  | <b>NK22/20</b>    | 0.040       |
|                | 22             | 30 | 23 | 0.3                    | 18           | 29       | 12000             | 19000  | <b>RNA6903</b>    | 0.056       |
|                | 22             | 35 | 20 | 0.6                    | 20.8         | 25.5     | 12000             | 19000  | <b>NKS22</b>      | 0.069       |
| 24             | 24             | 32 | 16 | 0.3                    | 14.3         | 22.4     | 10000             | 17000  | <b>NK24/16</b>    | 0.035       |
|                | 24             | 32 | 20 | 0.3                    | 17.3         | 28.5     | 10000             | 17000  | <b>NK24/20</b>    | 0.045       |
|                | 24             | 37 | 20 | 0.6                    | 26           | 31       | 10000             | 17000  | <b>NKS24</b>      | 0.072       |
| 25             | 25             | 33 | 16 | 0.3                    | 14.3         | 22.4     | 10000             | 17000  | <b>NK25/16</b>    | 0.035       |
|                | 25             | 33 | 20 | 0.3                    | 17           | 28.5     | 10000             | 17000  | <b>NK25/20</b>    | 0.045       |
|                | 25             | 37 | 17 | 0.3                    | 19           | 23.6     | 10000             | 17000  | <b>RNA4904</b>    | 0.060       |
|                | 25             | 37 | 30 | 0.3                    | 33.5         | 49       | 10000             | 17000  | <b>RNA6904</b>    | 0.090       |
|                | 25             | 38 | 20 | 0.6                    | 26           | 31       | 10000             | 17000  | <b>NKS25</b>      | 0.076       |
| 26             | 26             | 34 | 16 | 0.3                    | 14.6         | 23.6     | 9500              | 16000  | <b>NK26/16</b>    | 0.039       |
|                | 26             | 34 | 20 | 0.3                    | 17.6         | 30       | 9500              | 16000  | <b>NK26/20</b>    | 0.048       |
| 28             | 28             | 37 | 20 | 0.3                    | 20           | 32       | 9000              | 15000  | <b>NK28/20</b>    | 0.057       |
|                | 28             | 37 | 30 | 0.3                    | 26.5         | 52       | 9000              | 15000  | <b>NK28/30</b>    | 0.088       |
|                | 28             | 39 | 17 | 0.3                    | 20.8         | 27.5     | 9000              | 15000  | <b>RNA49/22</b>   | 0.060       |
|                | 28             | 39 | 30 | 0.3                    | 29           | 51       | 9000              | 15000  | <b>RNA69/22</b>   | 0.105       |
|                | 28             | 42 | 20 | 0.6                    | 27.5         | 36.5     | 9000              | 15000  | <b>NKS28</b>      | 0.095       |