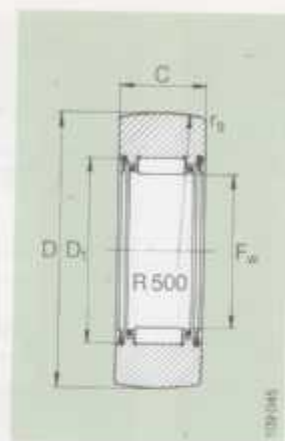


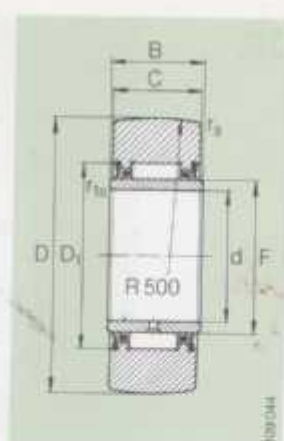
Yoke type track rollers

without axial guidance,
sealed

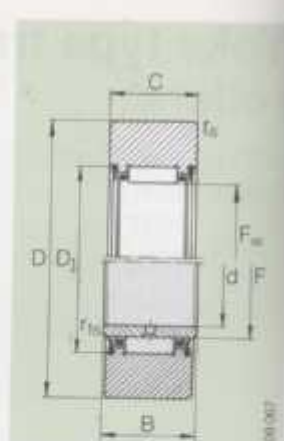
Series RNA 22...2RS,
RNA 22...2RS X,
NA 22...2RS,
NA 22...2RS X



RNA 22...2RS



NA 22...2RS



RNA 22...2RS X
NA 22...2RS X

Dimension table - Dimensions in mm

| Out- side diam- eter | Without inner ring Designation | Mass | With inner ring Designation | Mass | Dimensions | | | | | | | Basic load ratings ²⁾ | | | | Limiting speed ³⁾ n_G | |
|-------------------------------|--------------------------------------|------|-----------------------------------|------|------------|----|-----------------------------------|----|------|----------------|-----------------|----------------------------------|-----------------|-------------------------------|--|--|--------------------------------|
| | | | | | D | d | F ¹⁾ F _w | B | C | r _s | r _{1s} | D ₁ | dyn. C kN | stat. C ₀ kN | Track roller dyn. C _w kN | | stat. C _{0w} kN |
| | | g | | | g | | | | | min. min. | | | | | | min ⁻¹ | |
| 19 | RNA 22/5.2RS | 18 | NA 22/5.2RS | 22 | 19 | 6 | 10 | 12 | 11,8 | 0,3 | 0,3 | 16 | 5,3 | 4,65 | 3,9 | 3,7 | 18 000 |
| | RNA 22/5.2RS X | 18 | NA 22/5.2RS X | 22 | 19 | 6 | 10 | 12 | 11,8 | 0,3 | 0,3 | 16 | 5,3 | 4,65 | 3,9 | 3,7 | 18 000 |
| 24 | RNA 22/8.2RS | 29 | NA 22/8.2RS | 34 | 24 | 8 | 12 | 12 | 11,8 | 0,3 | 0,3 | 18 | 5,7 | 5,4 | 4,8 | 4,8 | 14 000 |
| | RNA 22/8.2RS X | 29 | NA 22/8.2RS X | 34 | 24 | 8 | 12 | 12 | 11,8 | 0,3 | 0,3 | 18 | 5,7 | 5,4 | 4,8 | 4,8 | 14 000 |
| 30 | RNA 2200.2RS | 52 | NA 2200.2RS | 60 | 30 | 10 | 14 | 14 | 13,8 | 0,6 | 0,3 | 20 | 7,8 | 8,3 | 7 | 8 | 11 000 |
| | RNA 2200.2RS X | 52 | NA 2200.2RS X | 60 | 30 | 10 | 14 | 14 | 13,8 | 0,6 | 0,3 | 20 | 7,8 | 8,3 | 7 | 8 | 11 000 |
| 32 | RNA 2201.2RS | 57 | NA 2201.2RS | 67 | 32 | 12 | 16 | 14 | 13,8 | 0,6 | 0,3 | 22 | 8,7 | 9,9 | 7,5 | 9 | 9 500 |
| | RNA 2201.2RS X | 57 | NA 2201.2RS X | 67 | 32 | 12 | 16 | 14 | 13,8 | 0,6 | 0,3 | 22 | 8,7 | 9,9 | 7,5 | 9 | 9 500 |
| 35 | RNA 2202.2RS | 60 | NA 2202.2RS | 75 | 35 | 15 | 20 | 14 | 13,8 | 0,6 | 0,3 | 26 | 9,8 | 12,3 | 7,6 | 9,6 | 7 000 |
| | RNA 2202.2RS X | 60 | NA 2202.2RS X | 75 | 35 | 15 | 20 | 14 | 13,8 | 0,6 | 0,3 | 26 | 9,8 | 12,3 | 7,6 | 9,6 | 7 000 |
| 40 | RNA 2203.2RS | 94 | NA 2203.2RS | 112 | 40 | 17 | 22 | 16 | 15,8 | 1 | 0,3 | 28 | 12,2 | 16,7 | 9,9 | 13,8 | 6 000 |
| | RNA 2203.2RS X | 94 | NA 2203.2RS X | 112 | 40 | 17 | 22 | 16 | 15,8 | 1 | 0,3 | 28 | 12,2 | 16,7 | 9,9 | 13,8 | 6 000 |
| 47 | RNA 2204.2RS | 152 | NA 2204.2RS | 177 | 47 | 20 | 25 | 18 | 17,8 | 1 | 0,3 | 33 | 18,9 | 22,3 | 15,2 | 18,3 | 4 600 |
| | RNA 2204.2RS X | 152 | NA 2204.2RS X | 177 | 47 | 20 | 25 | 18 | 17,8 | 1 | 0,3 | 33 | 18,9 | 22,3 | 15,2 | 18,3 | 4 600 |
| 52 | RNA 2205.2RS | 179 | NA 2205.2RS | 209 | 52 | 25 | 30 | 18 | 17,8 | 1 | 0,3 | 38 | 21,1 | 27 | 15,7 | 20 | 3 500 |
| | RNA 2205.2RS X | 179 | NA 2205.2RS X | 209 | 52 | 25 | 30 | 18 | 17,8 | 1 | 0,3 | 38 | 21,1 | 27 | 15,7 | 20 | 3 500 |
| 62 | RNA 2206.2RS | 284 | NA 2206.2RS | 324 | 62 | 30 | 35 | 20 | 19,8 | 1 | 0,3 | 43 | 23,3 | 32 | 18,3 | 25,5 | 2 800 |
| | RNA 2206.2RS X | 284 | NA 2206.2RS X | 324 | 62 | 30 | 35 | 20 | 19,8 | 1 | 0,3 | 43 | 23,3 | 32 | 18,3 | 25,5 | 2 800 |
| 72 | RNA 2207.2RS | 432 | NA 2207.2RS | 505 | 72 | 35 | 42 | 23 | 22,7 | 1,1 | 0,6 | 50 | 30 | 46,5 | 23 | 35,5 | 2 200 |
| | RNA 2207.2RS X | 432 | NA 2207.2RS X | 505 | 72 | 35 | 42 | 23 | 22,7 | 1,1 | 0,6 | 50 | 30 | 46,5 | 23 | 35,5 | 2 200 |
| 80 | RNA 2208.2RS | 530 | NA 2208.2RS | 628 | 80 | 40 | 48 | 23 | 22,7 | 1,1 | 0,6 | 57 | 38,5 | 58 | 27,5 | 40,5 | 1 700 |
| | RNA 2208.2RS X | 530 | NA 2208.2RS X | 628 | 80 | 40 | 48 | 23 | 22,7 | 1,1 | 0,6 | 57 | 38,5 | 58 | 27,5 | 40,5 | 1 700 |
| 85 | RNA 2209.2RS | 545 | NA 2209.2RS | 655 | 85 | 45 | 52 | 23 | 22,7 | 1,1 | 0,6 | 62 | 40,5 | 64 | 28,5 | 43 | 1 600 |
| | RNA 2209.2RS X | 545 | NA 2209.2RS X | 655 | 85 | 45 | 52 | 23 | 22,7 | 1,1 | 0,6 | 62 | 40,5 | 64 | 28,5 | 43 | 1 600 |
| 90 | RNA 2210.2RS | 563 | NA 2210.2RS | 690 | 90 | 50 | 58 | 23 | 22,7 | 1,1 | 0,6 | 68 | 42,5 | 70 | 28 | 42,5 | 1 300 |
| | RNA 2210.2RS X | 563 | NA 2210.2RS X | 690 | 90 | 50 | 58 | 23 | 22,7 | 1,1 | 0,6 | 68 | 42,5 | 70 | 28 | 42,5 | 1 300 |

¹⁾ F = raceway diameter of inner ring.

F_w = needle roller enveloping circle in the tolerance zone F6.

²⁾ The basic load ratings C and C₀ apply if the bearing outer ring (with cylindrical outside surface) is mounted in a housing bore with the normal rolling bearing fit; when used as a track roller, the load ratings C_w and C_{0w} apply.

³⁾ Limiting speed for grease lubrication.

With oil lubrication, the speed can be increased by approximately 30%.