

# NA 2205.2RS

Popular item

## Support rollers, without flange rings, with an inner ring

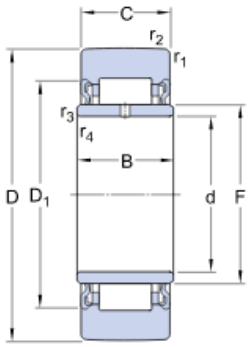
Bearing data

Tolerances,
Normal, Other,
Radial internal clearance,
table

Bearing interfaces

Seat tolerances for standard conditions,
Tolerances and resultant fit

## Technical specification




### DIMENSIONS

| | |
|---|---|
| D | 52 mm |
| d | 25 mm |
| C | 17.8 mm |
| B | 18 mm |
| $D_1$ | 38 mm |
| F | 30 mm |
| $r_{1,2}$ | min. 1 mm |
| $r_{3,4}$ | min. 0.3 mm |

### CALCULATION DATA

| | | |
|---|---|---|
| Basic dynamic load rating | C | 16.8 kN |
| Basic static load rating | $C_0$ | 20 kN |
| Fatigue load limit | $P_u$ | 2.4 kN |
| Maximum dynamic radial load | $F_r$ | max. 17.3 kN |
| Maximum static radial load | $F_{0r}$ | max. 24.5 kN |
| Limiting speed | | 3400 r/min |

### MASS

| | |
|---|---|
| Mass support roller | 0.21 kg |

## More information

### Product details

- Designs and variants
- Lubrication
- Support roller data
- Loads
- Temperature limits
- Speed limits
- Design considerations
- Mounting
- Designation system

### Engineering information

- Principles of rolling bearing selection
- General bearing knowledge
- Bearing selection process
- Bearing interfaces
- Lubrication
- External sealing, mounting and dismounting
- Bearing failure and how to prevent it

### Tools

- Bearing Select
- Engineering Calculator
- SimPro Quick
- LubeSelect for SKF greases
- Heater selection tool

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