

# 1726209-2RS1

Popular item

## Insert bearings

### Bearing data

[Tolerances](#),

table 1, table 2,

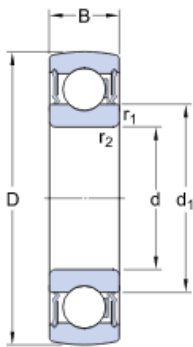
[Radial internal clearance](#),

Standard inner ring, Other bearings

### Design considerations

[Shaft tolerances](#)

## Technical specification



### DIMENSIONS

|                  |           |
|------------------|-----------|
| d                | 45 mm     |
| D                | 85 mm     |
| B                | 19 mm     |
| d <sub>1</sub>   | ≈ 56.6 mm |
| r <sub>1,2</sub> | min. 1 mm |

### CALCULATION DATA

|                              |                |            |
|------------------------------|----------------|------------|
| Basic dynamic load rating    | C              | 33.2 kN    |
| Basic static load rating     | C <sub>0</sub> | 21.6 kN    |
| Fatigue load limit           | P <sub>u</sub> | 0.915 kN   |
| Limiting speed <sup>1)</sup> |                | 5000 r/min |
| Calculation factor           | f <sub>0</sub> | 14         |

### MASS

|              |        |
|--------------|--------|
| Mass bearing | 0.4 kg |
|--------------|--------|

## More information

| Product details                          | Engineering information                                 | Tools                                  |
|--|---|--|
| <a href="#">Designs and variants</a>     | <a href="#">Principles of rolling bearing selection</a> | <a href="#">Bearing Select</a>         |
| <a href="#">Lubrication</a>              | <a href="#">General bearing knowledge</a>               | <a href="#">Engineering Calculator</a> |
| <a href="#">Bearing data</a>             | <a href="#">Bearing selection process</a>               | <a href="#">SimPro Quick</a>           |
| <a href="#">Loads</a>                    | <a href="#">Bearing failure and how to prevent it</a>   | <a href="#">Heater selection tool</a>  |
| <a href="#">Temperature limits</a>       |   |  |
| <a href="#">Permissible speed</a>        |   |  |
| <a href="#">Design considerations</a>    |   |  |
| <a href="#">Mounting and dismounting</a> |   |  |
| <a href="#">Designation system</a>       |   |  |

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