

## RNU 207 ECP

Popular item  
SKF Explorer

Cylindrical roller bearings, single row,  
without an inner ring

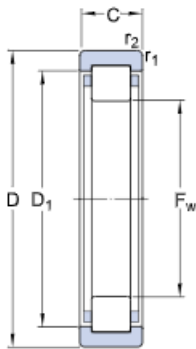
Bearing data

[Tolerances](#),  
Normal, P6,  
[Radial internal clearance](#),  
table

Bearing interfaces

[Seat tolerances for standard  
conditions](#),  
[Tolerances and resultant fit  
table](#)

### Technical specification

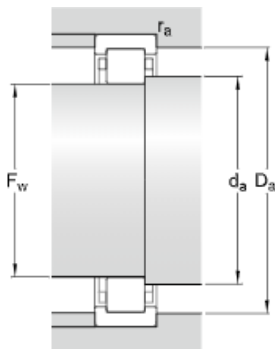


#### DIMENSIONS

|           |             |
|-----------|-------------|
| $F_w$     | 44 mm       |
| $D$       | 72 mm       |
| $C$       | 17 mm       |
| $D_1$     | ≈ 60.33 mm  |
| $r_{1,2}$ | min. 1.1 mm |

#### ABUTMENT DIMENSIONS

|       |              |
|-------|--------------|
| $d_a$ | max. 48.1 mm |
| $D_a$ | max. 65.1 mm |
| $r_a$ | max. 1 mm    |



## CALCULATION DATA

|                           |                |              |
|---------------------------|----------------|--------------|
| Basic dynamic load rating | C              | 56 kN        |
| Basic static load rating  | C <sub>0</sub> | 48 kN        |
| Fatigue load limit        | P <sub>u</sub> | 6.1 kN       |
| Reference speed           |                | 11 000 r/min |
| Limiting speed            |                | 12 000 r/min |
| Calculation factor        | k <sub>r</sub> | 0.15         |
| Limiting value            | e              | 0.2          |
| Axial load factor         | Y              | 0.6          |

## MASS

|              |         |
|--------------|---------|
| Mass bearing | 0.23 kg |
|--------------|---------|

## More information

|  |   |  |
|--|---|--|
| <p>Product details</p> <ul style="list-style-type: none"> <li><a href="#">Designs and variants</a></li> <li><a href="#">Bearing data</a></li> <li><a href="#">Loads</a></li> <li><a href="#">Temperature limits</a></li> <li><a href="#">Permissible speed</a></li> <li><a href="#">Design considerations</a></li> <li><a href="#">Designation system</a></li> </ul> | <p>Engineering information</p> <ul style="list-style-type: none"> <li><a href="#">Principles of rolling bearing selection</a></li> <li><a href="#">General bearing knowledge</a></li> <li><a href="#">Bearing selection process</a></li> <li><a href="#">Bearing failure and how to prevent it</a></li> </ul> | <p>Tools</p> <ul style="list-style-type: none"> <li><a href="#">SimPro Quick</a></li> <li><a href="#">Bearing Select</a></li> <li><a href="#">Engineering Calculator</a></li> <li><a href="#">LubeSelect for SKF greases</a></li> <li><a href="#">Heater selection tool</a></li> <li><a href="#">Oil Injection Method Program</a></li> <li><a href="#">Rolling bearings mounting and dismounting instructions</a></li> </ul> |
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