



## 23232 CCK/W33

- Popular item  
- SKF Explorer

### Spherical roller bearings

#### Bearing data

##### Tolerances,

Normal, P6, P5, tapered bore 1:12,  
tapered bore 1:30,

##### Radial internal clearance,

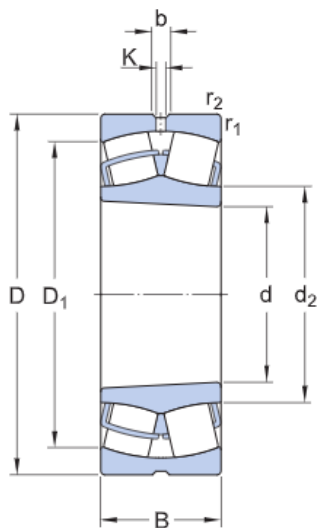
cylindrical bore, tapered bore

#### Bearing interfaces

[Seat tolerances for standard conditions,](#)

[Tolerances and resultant fit](#)

### Technical specification

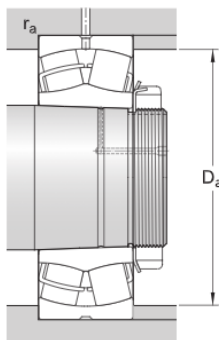


#### DIMENSIONS

|                          |          |  |
|--------------------------|----------|--|
| d                        | 160 mm   | Bore diameter                          |
| D                        | 290 mm   | Outside diameter                       |
| B                        | 104 mm   | Width                                  |
| d2                       | ≈188 mm  | Shoulder diameter of inner ring        |
| D1                       | ≈244 mm  | Shoulder/recess diameter of outer ring |
| b                        | 13.9 mm  | Width of lubrication groove            |
| K                        | 7.5 mm   | Diameter of lubrication hole           |
| r1,2                     | min.3 mm | Chamfer dimension                      |
| Tapered bore, taper 1:12 |          |  |

#### ABUTMENT DIMENSIONS

|    |            |                              |
|----|------------|------------------------------|
| Da | max.276 mm | Diameter of housing abutment |
| ra | max.2.5 mm | Radius of fillet             |



## CALCULATION DATA

|                           |                |             |
|---------------------------|----------------|-------------|
| Basic dynamic load rating | C              | 1 281 kN    |
| Basic static load rating  | C <sub>0</sub> | 1 660 kN    |
| Fatigue load limit        | P <sub>u</sub> | 153 kN      |
| Reference speed           |                | 1 500 r/min |
| Limiting speed            |                | 2 200 r/min |
| Limiting value            | e              | 0.35        |
| Axial load factor         | Y <sub>1</sub> | 1.9         |
| Axial load factor         | Y <sub>2</sub> | 2.9         |
| Axial load factor         | Y <sub>0</sub> | 1.8         |

## MASS

|      |  |       |
|------|--|-------|
| Mass |  | 29 kg |
|------|--|-------|

## More information

| Product details                       | Engineering information                                 | Tools  |
|---------------------------------------|---|--|
| <a href="#">Designs and variants</a>  | <a href="#">Principles of rolling bearing selection</a> | <a href="#">SimPro Quick</a>   |
| <a href="#">Bearing data</a>          | <a href="#">General bearing knowledge</a>               | <a href="#">Bearing Select</a>   |
| <a href="#">Loads</a>                 | <a href="#">Bearing selection process</a>               | <a href="#">Engineering Calculator</a>                                 |
| <a href="#">Temperature limits</a>    | <a href="#">Bearing failure and how to prevent it</a>   | <a href="#">Housing Select</a>   |
| <a href="#">Permissible speed</a>     |   | <a href="#">LubeSelect for SKF greases</a>                             |
| <a href="#">Design considerations</a> |   | <a href="#">Drive-up Method Program</a>                                |
| <a href="#">Mounting</a>              |   | <a href="#">Heater selection tool</a>                                  |
| <a href="#">Designation system</a>    |   | <a href="#">Oil Injection Method Program</a>                           |
|                                       |   | <a href="#">Rolling bearings mounting and dismounting instructions</a> |
|                                       |   | <a href="#">Tool and Accessory Selector for sleeves and shafts</a>     |

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