



# 23052 CCK/W33

- Popular item  
- SKF Explorer

## Spherical roller bearings

### Bearing data

#### Tolerances,

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

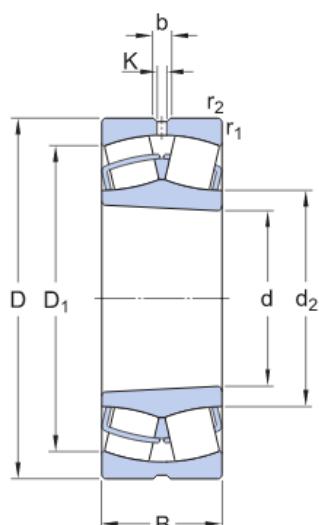
[Radial internal clearance,](#)  
cylindrical bore, tapered bore

### Bearing interfaces

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

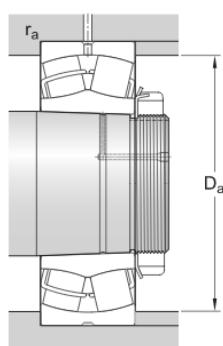
## Technical specification

### DIMENSIONS



d	260 mm	Bore diameter
D	400 mm	Outside diameter
B	104 mm	Width
d2	≈295 mm	Shoulder diameter of inner ring
D1	≈360 mm	Shoulder/recess diameter of outer ring
b	16.7 mm	Width of lubrication groove
K	9 mm	Diameter of lubrication hole
r1,2	min.4 mm	Chamfer dimension
Tapered bore, taper 1:12		

### ABUTMENT DIMENSIONS



Da	max.385 mm	Diameter of housing abutment
ra	max.3 mm	Radius of fillet

## CALCULATION DATA

Basic dynamic load rating	$C$	1 675 kN
Basic static load rating	$C_0$	2 550 kN
Fatigue load limit	$P_u$	212 kN
Reference speed		1 300 r/min
Limiting speed		1 700 r/min
Limiting value	$e$	0.23
Axial load factor	$Y_1$	2.9
Axial load factor	$Y_2$	4.4
Axial load factor	$Y_0$	2.8

## MASS

Mass	45 kg
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## 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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