



# 23248 CCK/W33

Popular item  
SKF Explorer

## Spherical roller bearings

### Bearing data

#### Tolerances,

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

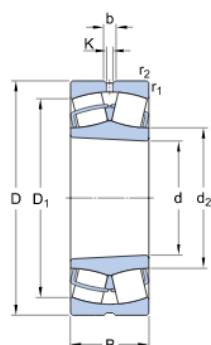
[Radial internal clearance,](#)  
cylindrical bore, tapered bore

### Bearing interfaces

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

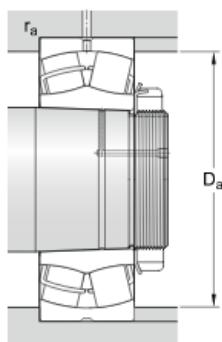
## Technical specification

### DIMENSIONS



d	240 mm
D	440 mm
B	160 mm
d <sub>2</sub>	≈ 286 mm
D <sub>1</sub>	≈ 374 mm
b	22.3 mm
K	12 mm
r <sub>1,2</sub>	min. 4 mm
Tapered bore, taper 1:12	

### ABUTMENT DIMENSIONS



D <sub>a</sub>	max. 423 mm
r <sub>a</sub>	max. 3 mm

## CALCULATION DATA

Basic dynamic load rating	C	3042 kN
Basic static load rating	$C_0$	4300 kN
Fatigue load limit	$P_u$	345 kN
Reference speed		950 r/min
Limiting speed		1300 r/min
Calculation factor	e	0.35
Calculation factor	$\gamma_1$	1.9
Calculation factor	$\gamma_2$	2.9
Calculation factor	$\gamma_0$	1.8

## MASS

Mass bearing	105 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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