



## 24148 CCK30/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,](#)

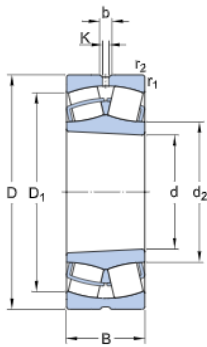
cylindrical bore, tapered bore

#### Bearing interfaces

[Seat tolerances for standard conditions,](#)

[Tolerances and resultant fit](#)

### Technical specification

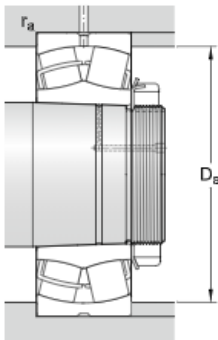


#### DIMENSIONS

d	240 mm
D	400 mm
B	160 mm
	≈ 271 mm
	≈ 336 mm
b	11.1 mm
K	6 mm
	min. 4 mm
Tapered bore, taper 1:30	

#### ABUTMENT DIMENSIONS

	max. 383 mm
	max. 3 mm



## CALCULATION DATA

Basic dynamic load rating	C	2489 kN
Basic static load rating		3900 kN
Fatigue load limit		320 kN
Reference speed		750 r/min
Limiting speed		1100 r/min
Calculation factor	e	0.4
Calculation factor		1.7
Calculation factor		2.5
Calculation factor		1.6

## MASS

Mass bearing		79.5 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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