

# 23136 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,

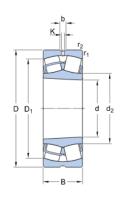
cylindrical bore, tapered bore

#### Bearing interfaces

Seat tolerances for standard conditions,

Tolerances and resultant fit

## Technical specification

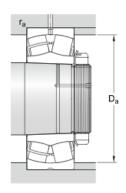


### **DIMENSIONS**

d	180 mm
D	300 mm
В	96 mm
$d_2$	≈ 207 mm
$D_1$	≈ 259 mm
b	13.9 mm
K	7.5 mm
r <sub>1,2</sub>	min. 3 mm
Tapered bore, taper 1:12	

### ABUTMENT DIMENSIONS

D <sub>a</sub>	max. 286 mm
r <sub>a</sub>	max. 2.5 mm





## CALCULATION DATA

Basic dynamic load rating	С	1263 kN
Basic static load rating	$C_0$	1760 kN
Fatigue load limit	$P_{u}$	160 kN
Reference speed		1700 r/min
Limiting speed		2200 r/min
Calculation factor	е	0.3
Calculation factor	Y <sub>1</sub>	2.3
Calculation factor	Y <sub>2</sub>	3.4
Calculation factor	Y <sub>0</sub>	2.2

### MASS

Mass bearing	26.5 kg
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## More information

Product details	Product details	Engineering in	forn <b>Eantgion</b> meering in	formTartoten	Tools
Designs and	Designs and	Principles	Principles	SimPro Quick	SimPro Quick
variants  Bearing  data	variants  Bearing  data	of rolling bearing selection General bearing k nowledge  Bearing selection process Bearing failure and how to prevent it	of rolling bearing selection	Bearing Select	Bearing Select
Loads  Loads  Tempera ture ture limits  Permissi ble speed  Loads  Tempera ture blimits  Permissi ble speed			General bearing k nowledge  Bearing selection process  Bearing failure and how to prevent it	Engineer ing Calcul ator	Engineer ing Calcul ator
	ture limits			Housing Select	Housing Select
				LubeSele ct for SKF greases	LubeSele ct for SKF greases
Design c onsiderati ons	Design c onsiderati ons			Drive-up Method Program	Drive-up Method Program
Mounting	Mounting			Heater selection tool	Heater selection tool
Designati on system	Designati on system			Oil Injection Method Program Rolling bearings mounting and dism ounting i	Oil Injection Method Program Rolling bearings mounting and dism ounting i
				nstructio nsol and Accessory Selector for sleeves and shafts	nstructio nsool and Accessory Selector for sleeves and shafts





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