

# 23236 CC/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,

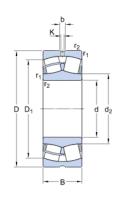
cylindrical bore, tapered bore

#### Bearing interfaces

Seat tolerances for standard conditions,

Tolerances and resultant fit

## Technical specification

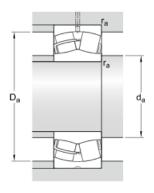


### **DIMENSIONS**

d	180 mm
D	320 mm
В	112 mm
$d_2$	≈ 211 mm
$D_1$	≈ 271 mm
b	13.9 mm
K	7.5 mm
r <sub>1,2</sub>	min. 4 mm

### ABUTMENT DIMENSIONS

$d_a$	min. 197 mm
$D_a$	max. 303 mm
r <sub>a</sub>	max. 3 mm





## CALCULATION DATA

Basic dynamic load rating	С	1557 kN
Basic static load rating	$C_0$	2120 kN
Fatigue load limit	$P_{u}$	186 kN
Reference speed		1300 r/min
Limiting speed		1900 r/min
Calculation factor	е	0.35
Calculation factor	Y <sub>1</sub>	1.9
Calculation factor	Y <sub>2</sub>	2.9
Calculation factor	Y <sub>0</sub>	1.8

### MASS

Mass bearing	38.5 kg	





## More information

Product details	Product details	Engineering in	fornEantojomeering in	formTadolon	Tools
Designs	Designs and	Principles	Principles	SimPro Quick	SimPro Quick
variants  Bearing  data	variants  Bearing  data	of rolling bearing -selection General bearing k nowledge	of rolling bearing -selection General bearing k nowledge	Bearing Select	Bearing Select
Loads	Loads			Engineer ing Calcul ator	Engineer ing Calcul ator
ture	ture limits			Housing Select	Housing Select
Permissi ble speed	Permissi ble speed	Bearing failure	Bearing failure	LubeSele ct for SKF greases	LubeSele ct for SKF greases
Design c onsiderati ons	Design c onsiderati ons	and how to prevent it	and how to prevent it	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 nstructio	Oil Injection Method Program Rolling bearings mounting and dism ounting i nstructio
				Accessory Selector for sleeves and shafts	Accessory Selector for sleeves and shafts





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