

# 23272-2CS5/VT143

SKF Explorer

## Spherical roller bearings

Bearing data

Tolerances,

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

Radial internal clearance,

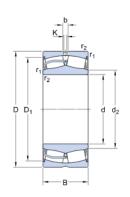
cylindrical bore, tapered bore

Bearing interfaces

Seat tolerances for standard conditions,

Tolerances and resultant fit

## Technical specification

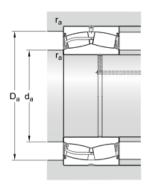


#### **DIMENSIONS**

d	360 mm
D	650 mm
В	232 mm
d <sub>2</sub>	≈ 429 mm
$D_1$	≈ 581 mm
b	22.3 mm
K	12 mm
r <sub>1,2</sub>	min. 6 mm

#### ABUTMENT DIMENSIONS

$d_a$	min. 386 mm
$d_a$	max. 429 mm
D <sub>a</sub>	max. 624 mm
r <sub>a</sub>	max. 5 mm





### CALCULATION DATA

Basic dynamic load rating	С	5669 kN
Basic static load rating	$C_0$	8300 kN
Fatigue load limit	$P_{u}$	570 kN
Limiting speed		160 r/min
Calculation factor	е	0.35
Calculation factor	$Y_1$	1.9
Calculation factor	Y <sub>2</sub>	2.9
Calculation factor	$Y_0$	1.8

### MASS

Mass bearing	332 kg
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### 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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