

# 23222-2CS5/VT143

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

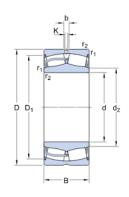
Bearing interfaces

Seat tolerances for standard conditions,

conditions,

Tolerances and resultant fit

## Technical specification

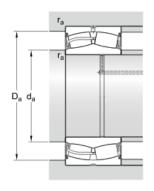


### **DIMENSIONS**

d	110 mm
D	200 mm
В	69.8 mm
$d_2$	≈ 126 mm
$D_1$	≈ 178 mm
b	8.3 mm
K	4.5 mm
r <sub>1,2</sub>	min. 2.1 mm

### ABUTMENT DIMENSIONS

d <sub>a</sub>	min. 122 mm
$d_a$	max. 126 mm
D <sub>a</sub>	max. 188 mm
r <sub>a</sub>	max. 2 mm





## CALCULATION DATA

Basic dynamic load rating	С	627 kN
Basic static load rating	$C_0$	765 kN
Fatigue load limit	$P_{u}$	76.5 kN
Limiting speed		640 r/min
Calculation factor	е	0.33
Calculation factor	$Y_1$	2
Calculation factor	Y <sub>2</sub>	3
Calculation factor	Y <sub>0</sub>	2

### MASS

Mass bearing 9.8	35 kg
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5KF.



## More information

Product details	Product details	Engineering in	fornEantojonneering in	formTartoten	Tools
Designs	Designs and	Principles	Principles	SimPro Quick	SimPro Quick
variants  Bearing  data	variants  Bearing data  Loads  Tempera	of rolling bearing -selection General bearing k nowledge  Bearing selection process Bearing failure	of rolling bearing selection General bearing k nowledge  Bearing selection process Bearing failure	Bearing Select	Bearing Select
Loads				Engineer ing Calcul ator	Engineer ing Calcul ator
ture	ture limits			Housing Select	Housing Select
Permissi ble speed	Permissi ble speed			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 on system  Designati on system	on			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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