

# 24134-2CS5/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

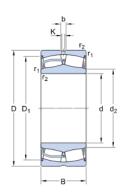
Bearing interfaces

Seat tolerances for standard

conditions,

Tolerances and resultant fit

## Technical specification

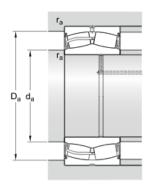


#### **DIMENSIONS**

d	170 mm
D	280 mm
В	109 mm
$d_2$	≈ 185 mm
$D_1$	≈ 248 mm
b	8.3 mm
K	4.5 mm
r <sub>1,2</sub>	min. 2.1 mm

#### ABUTMENT DIMENSIONS

$d_a$	min. 182 mm
$d_a$	max. 185 mm
D <sub>a</sub>	max. 268 mm
r <sub>a</sub>	max. 2 mm





### CALCULATION DATA

Basic dynamic load rating	С	1273 kN
Basic static load rating	$C_0$	1860 kN
Fatigue load limit	$P_{u}$	170 kN
Limiting speed		360 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	27.5 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 of rolling  Bearing bearing  data selection	of rolling bearing -selection	Bearing Select	Bearing Select	
Loads	Loads	General bearing k nowledge  Bearing selection process	General bearing k nowledge  Bearing selection process	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 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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