

22234 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,

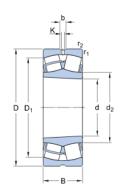
cylindrical bore, tapered bore

Bearing interfaces

Seat tolerances for standard conditions,

Tolerances and resultant fit

Technical specification

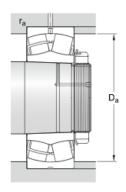


DIMENSIONS

d	170 mm
D	310 mm
В	86 mm
d_2	≈ 203 mm
D_1	≈ 267 mm
b	16.7 mm
К	9 mm
r _{1,2}	min. 4 mm
Tapered bore, taper 1:12	

ABUTMENT DIMENSIONS

D_a	max. 293 mm
r _a	max. 3 mm





CALCULATION DATA

Basic dynamic load rating	С	1183 kN
Basic static load rating	C_0	1460 kN
Fatigue load limit	P_{u}	132 kN
Reference speed		1900 r/min
Limiting speed		2600 r/min
Calculation factor	е	0.27
Calculation factor	Y ₁	2.5
Calculation factor	Y ₂	3.7
Calculation factor	Y_0	2.5

MASS

Mass bearing	27.5 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	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	General bearing k nowledge	Engineer ing Calcul ator	Engineer ing Calcul ator	
	ture limits	Bearing selection process Bearing failure and how to prevent it	Bearing selection process Bearing failure and how to prevent it	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 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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