

23222 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

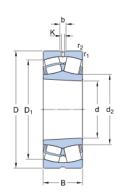
Bearing interfaces

Seat tolerances for standard

conditions,

Tolerances and resultant fit

Technical specification

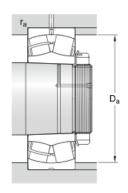


DIMENSIONS

	d	110 mm
	D	200 mm
	В	69.8 mm
	d_2	≈ 130 mm
	D_1	≈ 169 mm
	b	8.3 mm
	K	4.5 mm
	r _{1,2}	min. 2.1 mm
	Tapered bore, taper 1:12	

ABUTMENT DIMENSIONS

D _a	max. 188 mm
r_a	max. 2 mm





CALCULATION DATA

Basic dynamic load rating	С	626 kN
Basic static load rating	C_0	765 kN
Fatigue load limit	P_{u}	76.5 kN
Reference speed		2200 r/min
Limiting speed		3200 r/min
Calculation factor	е	0.33
Calculation factor	Y ₁	2
Calculation factor	Y ₂	3
Calculation factor	Y_0	2

MASS

Mass bearing	9.35 kg
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5KF.



More information

Product details	Product details	Engineering in	forn Eantgion meering in	formTartoten	Tools
Designs and	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 ture limits Loads	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
Permissi ble speed	Design c onsiderati ble speed Design c onsiderati			LubeSele ct for SKF greases	LubeSele ct for SKF greases
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	Oil Injection Method Program Rolling bearings mounting and dism ounting i
				nstructio nsol and Accessory Selector for sleeves and shafts	nstructio nsool and Accessory Selector for sleeves and shafts





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