

23060 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,

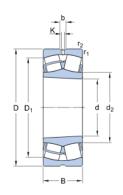
cylindrical bore, tapered bore

Bearing interfaces

Seat tolerances for standard conditions,

Tolerances and resultant fit

Technical specification

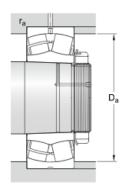


DIMENSIONS

d	300 mm
D	460 mm
В	118 mm
d_2	≈ 340 mm
D_1	≈ 414 mm
b	16.7 mm
K	9 mm
r _{1,2}	min. 4 mm
Tapered bore, taper 1:12	

ABUTMENT DIMENSIONS

D _a	max. 445 mm
r _a	max. 3 mm





CALCULATION DATA

Basic dynamic load rating	С	2219 kN
Basic static load rating	C_0	3450 kN
Fatigue load limit	P_{u}	265 kN
Reference speed		1200 r/min
Limiting speed		1500 r/min
Calculation factor	е	0.23
Calculation factor	Y ₁	2.9
Calculation factor	Y ₂	4.4
Calculation factor	Y ₀	2.8

MASS

Mass bearing	68.5 kg
Mass bearing	00.5 Ng





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 General bearing k nowledge Bearing selection process Bearing failure and how to prevent it	of rolling bearing selection General bearing k nowledge Bearing selection process Bearing failure and how to prevent it	Bearing Select	Bearing Select
Loads Loads Tempera ture ture limits Loads Imits				Engineer ing Calcul ator	Engineer ing Calcul ator
	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			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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