



22326 CCJA/W33VA406

SKF Explorer

Spherical roller bearings

Bearing data

Tolerances,

Normal, P6, P5, tapered bore 1:12,
tapered bore 1:30,

Radial internal clearance,

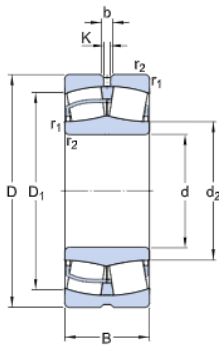
cylindrical bore, tapered bore

Bearing interfaces

Seat tolerances for standard
conditions,

Tolerances and resultant fit

Technical Specification

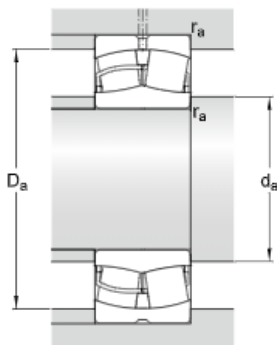


DIMENSIONS

d	130 mm
D	280 mm
B	93 mm
d ₂	≈ 164 mm
D ₁	≈ 233 mm
b	16.7 mm
K	9 mm
r _{1,2}	min. 4 mm

ABUTMENT DIMENSIONS

d _a	min. 147 mm
D _a	max. 263 mm
r _a	max. 3 mm



CALCULATION DATA

Basic dynamic load rating	C	1176 kN
Basic static load rating	C ₀	1320 kN
Fatigue load limit	P _u	114 kN
Reference speed		1800 r/min
Limiting speed		2400 r/min
Calculating load: Limiting value	e	0.35
Calculating load: Calculation factor	Y ₁	1.9
Calculating load: Calculation factor	Y ₂	2.9
Calculating load: Calculation factor	Y ₀	1.8
Permissible rotational acceleration for oil lubrication in vibratory applications		853 m/s
Permissible linear acceleration for oil lubrication in vibratory applications		196 m/s

MASS

Mass bearing		29 kg
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More information

Product details	Engineering information	Tools
Designs and variants	Principles of rolling bearing selection	SimPro Quick
Bearing data	General bearing knowledge	Bearing Select
Loads	Bearing selection process	Engineering Calculator
Temperature limits	Bearing failure and how to prevent it	Housing Select
Permissible speed		LubeSelect for SKF greases
Design considerations		Drive-up Method Program
Mounting		Heater selection tool
Designation system		Oil Injection Method Program
		Rolling bearings mounting and dismounting instructions
		Tool and Accessory Selector for sleeves and shafts

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