



22310 EK

- Popular item
- SKF Explorer

Spherical roller bearings

Bearing data

[Tolerances](#),

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

[Radial internal clearance](#),

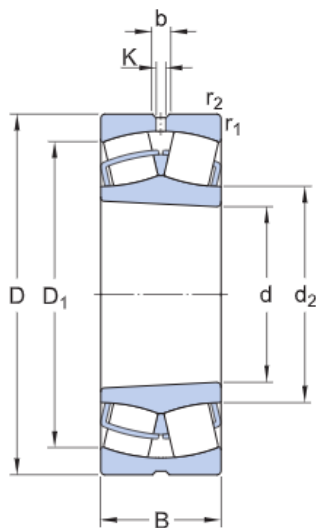
cylindrical bore, tapered bore

Bearing interfaces

[Seat tolerances for standard conditions](#),

[Tolerances and resultant fit](#)

Technical specification

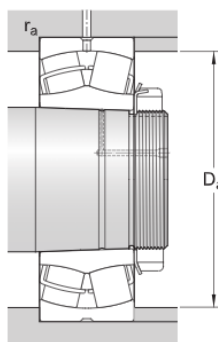


DIMENSIONS

d	50 mm	Bore diameter
D	110 mm	Outside diameter
B	40 mm	Width
d2	≈63.9 mm	Shoulder diameter of inner ring
D1	≈91.9 mm	Shoulder/recess diameter of outer ring
b	6 mm	Width of lubrication groove
K	3 mm	Diameter of lubrication hole
r1,2	min.2 mm	Chamfer dimension
Tapered bore, taper 1:12		

ABUTMENT DIMENSIONS

Da	max.99 mm	Diameter of housing abutment
ra	max.2 mm	Radius of fillet



CALCULATION DATA

Basic dynamic load rating	C	228 kN
Basic static load rating	C ₀	224 kN
Fatigue load limit	P _u	24 kN
Reference speed		4 800 r/min
Limiting speed		6 300 r/min
Limiting value	e	0.37
Axial load factor	Y ₁	1.8
Axial load factor	Y ₂	2.7
Axial load factor	Y ₀	1.8

MASS

Mass		1.8 kg
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MOUNTING INFORMATION

Recommened tightening angle for lock nut	α	130 °
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