



22222 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,](#)

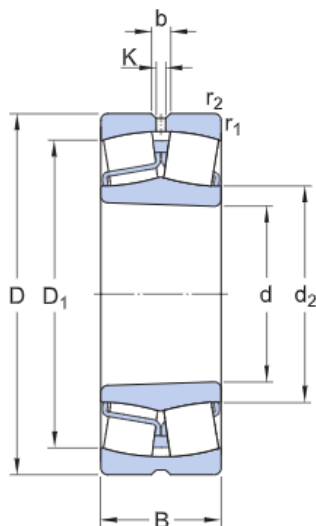
cylindrical bore, tapered bore

Bearing interfaces

[Seat tolerances for standard conditions,](#)

[Tolerances and resultant fit](#)

Technical specification

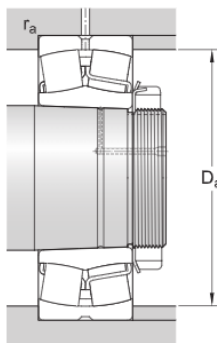


DIMENSIONS

d	110 mm	Bore diameter
D	200 mm	Outside diameter
B	53 mm	Width
d2	≈130 mm	Shoulder diameter of inner ring
D1	≈178 mm	Shoulder/recess diameter of outer ring
b	8.3 mm	Width of lubrication groove
K	4.5 mm	Diameter of lubrication hole
r1,2	min.2.1 mm	Chamfer dimension
Tapered bore, taper 1:12		

ABUTMENT DIMENSIONS

Da	max.188 mm	Diameter of housing abutment
ra	max.2 mm	Radius of fillet



CALCULATION DATA

Basic dynamic load rating	C	572 kN
Basic static load rating	C ₀	640 kN
Fatigue load limit	P _u	63 kN
Reference speed		3 000 r/min
Limiting speed		4 000 r/min
Limiting value	e	0.25
Axial load factor	Y ₁	2.7
Axial load factor	Y ₂	4
Axial load factor	Y ₀	2.5

MASS

Mass		6.9 kg
------	--	--------