



22230 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,](#)

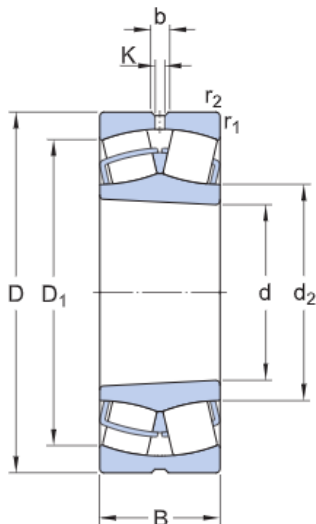
cylindrical bore, tapered bore

Bearing interfaces

[Seat tolerances for standard conditions,](#)

[Tolerances and resultant fit](#)

Technical specification

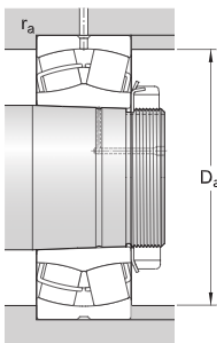


DIMENSIONS

d	150 mm	Bore diameter
D	270 mm	Outside diameter
B	73 mm	Width
d2	≈178 mm	Shoulder diameter of inner ring
D1	≈234 mm	Shoulder/recess diameter of outer ring
b	13.9 mm	Width of lubrication groove
K	7.5 mm	Diameter of lubrication hole
r1,2	min.3 mm	Chamfer dimension
Tapered bore, taper 1:12		

ABUTMENT DIMENSIONS

Da	max.256 mm	Diameter of housing abutment
ra	max.2.5 mm	Radius of fillet



CALCULATION DATA

Basic dynamic load rating	C	898 kN
Basic static load rating	C ₀	1 080 kN
Fatigue load limit	P _u	102 kN
Reference speed		2 200 r/min
Limiting speed		3 000 r/min
Limiting value	e	0.26
Axial load factor	Y ₁	2.6
Axial load factor	Y ₂	3.9
Axial load factor	Y ₀	2.5

MASS

Mass	17.5 kg
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