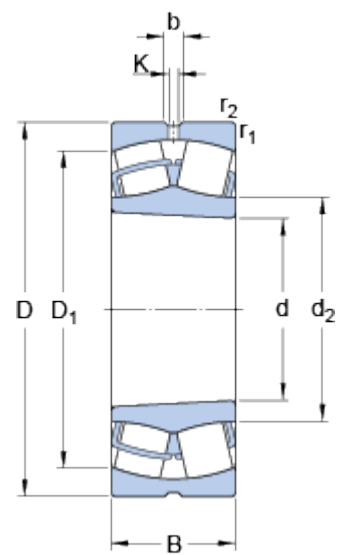


22209 EK

SKF Explorer

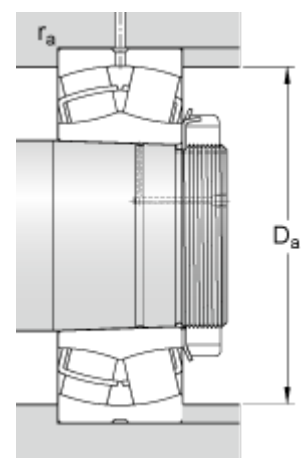
Dimensions



d	45	mm
D	85	mm
B	23	mm
d ₂	≈ 54.4	mm
D ₁	≈ 74.4	mm
b	5.5	mm
K	3	mm
r _{1,2}	min. 1.1	mm

Tapered bore, taper 1:12

Abutment dimensions



D _a	max. 78	mm
r _a	max. 1	mm

Calculation data

Basic dynamic load rating	C	104	kN
Basic static load rating	C ₀	100	kN
Fatigue load limit	P _u	10.8	kN
Reference speed		7500	r/min
Limiting speed		10000	r/min
Calculation factor	e	0.26	
Calculation factor	Y ₁	2.6	
Calculation factor	Y ₂	3.9	
Calculation factor	Y ₀	2.5	

Mass

Mass bearing	0.57	kg
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Mounting information

Recommended lock nut tightening angle	α	130	°
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