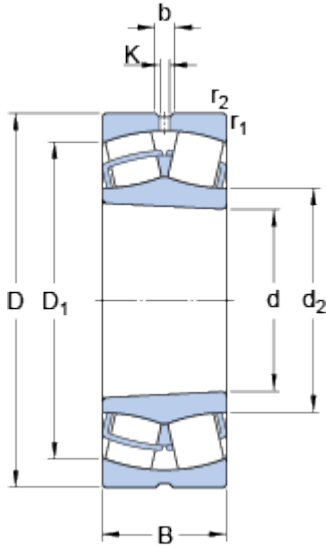


22309 EK

SKF Explorer

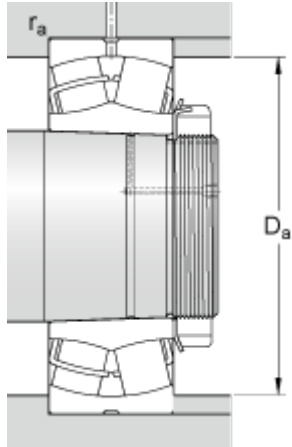
Dimensions



d		45	mm
D		100	mm
B		36	mm
d ₂	≈	57.6	mm
D ₁	≈	83.4	mm
b		6	mm
K		3	mm
r _{1,2}	min.	1.5	mm

Tapered bore, taper 1:12

Abutment dimensions



D _a	max.	91	mm
r _a	max.	1.5	mm

Calculation data

Basic dynamic load rating	C	190	kN
Basic static load rating	C	183	kN
Fatigue load limit	P _u	19.6	kN
Reference speed		5300	r/min
Limiting speed		7000	r/min
Calculation factor	e	0.37	
Calculation factor	Y ₁	1.8	
Calculation factor	Y ₂	2.7	
Calculation factor	Y	1.8	

Mass

Mass bearing	1.35	kg
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Mounting information

Recommended lock nut tightening angle	α	130	°
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