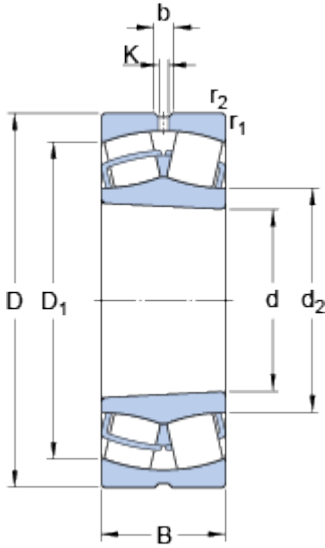


22205 EK

SKF Explorer

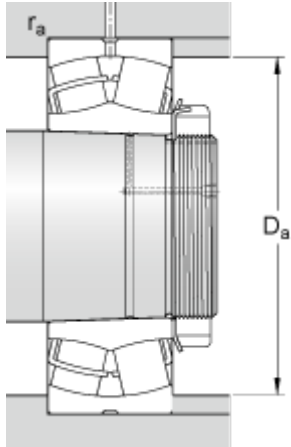
Dimensions



d		25	mm
D		52	mm
B		18	mm
d ₂	≈	31.3	mm
D ₁	≈	44.2	mm
b		3.7	mm
K		2	mm
r _{1,2}	min.	1	mm

Tapered bore, taper 1:12

Abutment dimensions



D _a	max.	46.4	mm
r _a	max.	1	mm

Calculation data

Basic dynamic load rating	C	49.9	kN
Basic static load rating	C	44	kN
Fatigue load limit	P _u	4.75	kN
Reference speed		13000	r/min
Limiting speed		17000	r/min
Calculation factor	e	0.35	
Calculation factor	Y ₁	1.9	
Calculation factor	Y ₂	2.9	
Calculation factor	Y	1.8	

Mass

Mass bearing		0.26	kg
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Mounting information

Recommended lock nut tightening angle		α	100 °
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