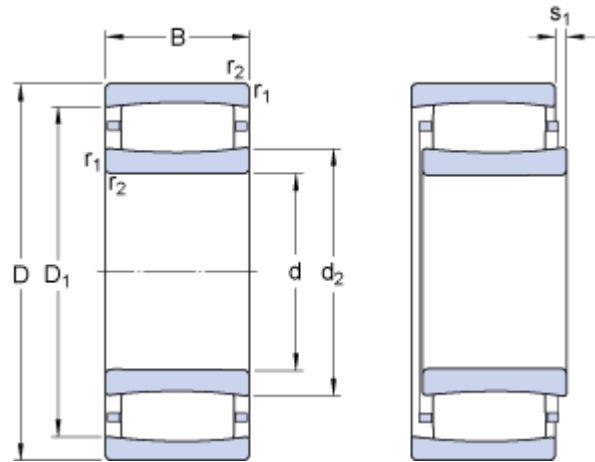


C 2314

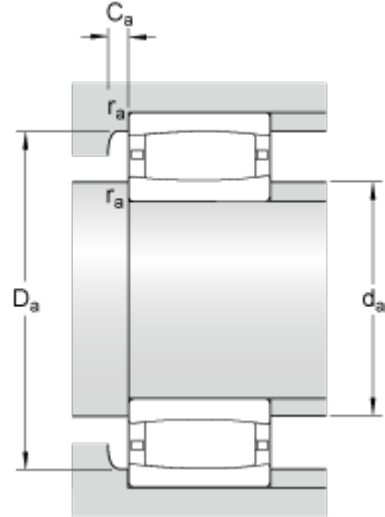
SKF Explorer

Dimensions



d	70	mm
D	150	mm
B	51	mm
d ₂	≈ 91.4	mm
D ₁	≈ 130	mm
s ₁	max. 9.1	mm
r _{1,2}	min. 2.1	mm

Abutment dimensions



d _a	min. 82	mm
d _a	max. 106	mm
D _a	min. 119	mm
D _a	max. 138	mm
C _a	min. 2.2	mm
r _a	max. 2	mm

A negative value for C_a is theoretical.

Calculation data

Basic dynamic load rating	C	405	kN
Basic static load rating	C ₀	430	kN
Fatigue load limit	P _u	49	kN
Reference speed		3800	r/min
Limiting speed		5000	r/min
Misalignment factor	k ₁	0.11	
Operating clearance factor	k ₂	0.099	

Mass

Mass bearing	4.3	kg
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