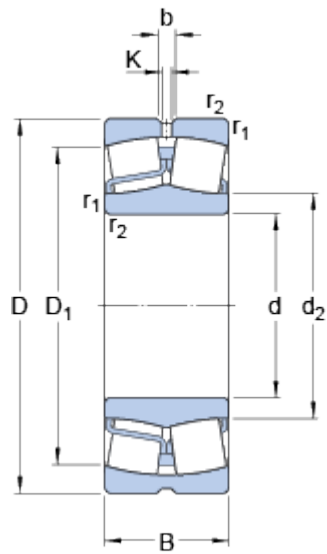


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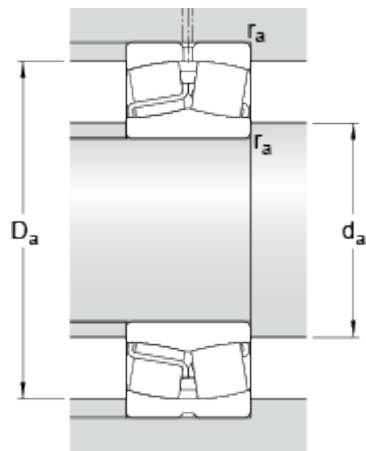
SKF Explorer

Dimensions



d	55	mm
D	120	mm
B	43	mm
d ₂	70.1	mm
D ₁	102	mm
b	5.5	mm
K	3	mm
r _{1,2}	min. 2	mm

Abutment dimensions



d _a	min. 66	mm
D _a	max. 109	mm
r _a	max. 2	mm

Calculation data

Basic dynamic load rating	C	280	kN
Basic static load rating	C ₀	280	kN
Fatigue load limit	P _u	30	kN
Reference speed		4300	r/min
Limiting speed		5600	r/min
Calculation factor	e	0.35	
Calculation factor	Y ₁	1.9	
Calculation factor	Y ₂	2.9	

Calculation factor	Y ₀	1.8	
Permissible rotational acceleration (oil lubrication)		765	g [m/s²]
Permissible linear acceleration (oil lubrication)		255	g [m/s²]
Mass			
Mass	2.45	kg	