

7211 BECBM

SKF Explorer

Dimensions



d	55	mm
D	100	mm
B	21	mm
d ₁	≈ 72.45	mm
d ₂	≈ 63.62	mm
D ₁	≈ 83.3	mm
a	43	mm
r _{1,2}	min. 1.5	mm
r _{3,4}	min. 1	mm

Abutment dimensions



d _a	min. 64	mm
D _a	max. 91	mm
D _b	max. 94	mm
r _a	max. 1.5	mm
r _b	max. 1	mm

Calculation data

Basic dynamic load rating	C	49	kN
Basic static load rating	C	40	kN
Fatigue load limit	P _u	1.66	kN
Reference speed		5600	r/min
Limiting speed		10000	r/min
Calculation factor	A	0.022	
Calculation factor	k _r	0.095	
Calculation factor	e	1.14	

Single bearing or bearing pair arranged in tandem

Calculation factor	X	0.35	
Calculation factor	Y	0.26	
Calculation factor	Y ₂	0.57	

Bearing pair arranged back-to-back or face-to-face

Calculation factor	X	0.57	
Calculation factor	Y	0.52	

Calculation factor	Y_1	0.55
Calculation factor	Y_2	0.93

Mass

Mass bearing		0.62	kg
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