

7312 BECBM

SKF Explorer

Dimensions



d	60	mm
D	130	mm
B	31	mm
d ₁	≈ 87.25	mm
d ₂	≈ 72.6	mm
D ₁	≈ 104.8	mm
a	55	mm
r _{1,2}	min. 2.1	mm
r _{3,4}	min. 1.1	mm

Abutment dimensions



d _a	min. 72	mm
D _a	max. 118	mm
D _b	max. 123	mm
r _a	max. 2	mm
r _b	max. 1	mm

Calculation data

Basic dynamic load rating	C	104	kN
Basic static load rating	C	76.5	kN
Fatigue load limit	P _u	3.2	kN
Reference speed		4500	r/min
Limiting speed		8500	r/min
Calculation factor	A	0.0846	
Calculation factor	k _r	0.1	
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		1.75	kg
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