

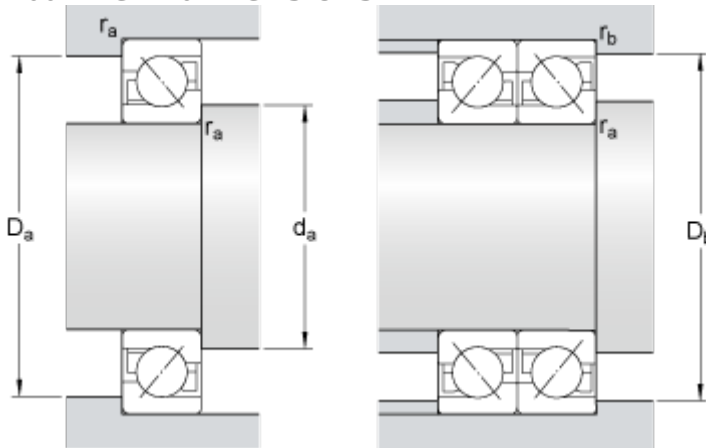
7312 BEP

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	95.6	kN
Basic static load rating	C	69.5	kN
Fatigue load limit	P _u	3	kN
Reference speed		4500	r/min
Limiting speed		6000	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