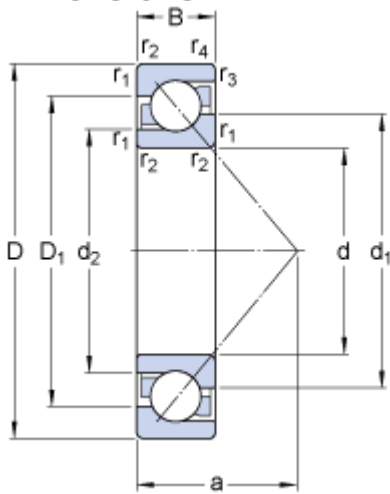


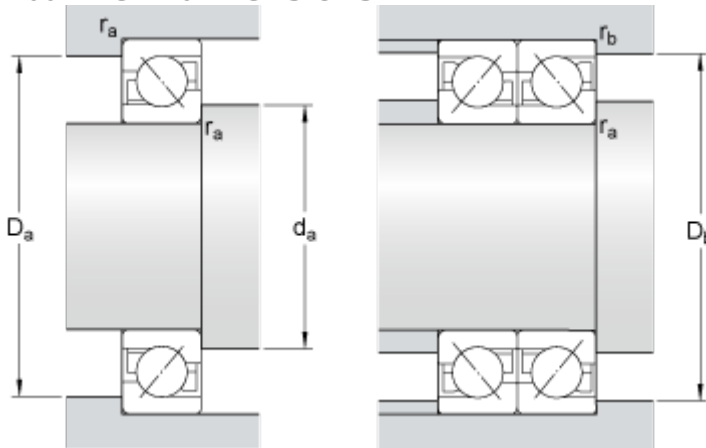
# 7213 BEP

## Dimensions



d		65	mm
D		120	mm
B		23	mm
d <sub>1</sub>	≈	86.35	mm
d <sub>2</sub>	≈	75.48	mm
D <sub>1</sub>	≈	100	mm
a		50	mm
r <sub>1,2</sub>	min.	1.5	mm
r <sub>3,4</sub>	min.	1	mm

## Abutment dimensions



d <sub>a</sub>	min.	74	mm
D <sub>a</sub>	max.	111	mm
D <sub>b</sub>	max.	114	mm
r <sub>a</sub>	max.	1.5	mm
r <sub>b</sub>	max.	1	mm

## Calculation data

Basic dynamic load rating	C	66.3	kN
Basic static load rating	C	54	kN
Fatigue load limit	P <sub>u</sub>	2.28	kN
Reference speed		4800	r/min
Limiting speed		6300	r/min
Calculation factor	A	0.0478	
Calculation factor	k <sub>r</sub>	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 <sub>2</sub>	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 <sub>1</sub>	0.55	

Calculation factor

$Y_2$

0.93

**Mass**

---

Mass bearing

1

kg