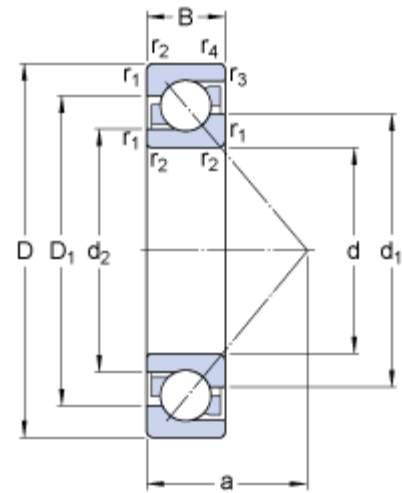


►

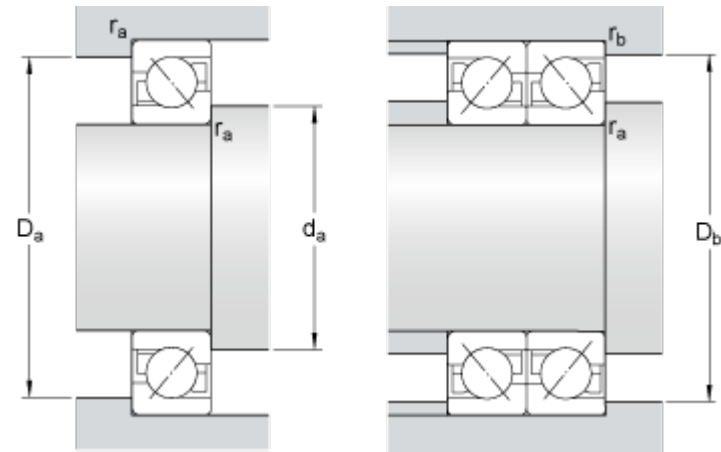
7201 BEP

Dimensions



d	12	mm
D	32	mm
B	10	mm
d ₁	≈ 20.2	mm
d ₂	≈ 16.57	mm
D ₁	≈ 25	mm
a	14	mm
r _{1,2}	min. 0.6	mm
r _{3,4}	min. 0.3	mm

Abutment dimensions



d _a	min. 16.2	mm
D _a	max. 27.8	mm
D _b	max. 30	mm
r _a	max. 0.6	mm
r _b	max. 0.3	mm

Calculation data

Basic dynamic load rating	C	7.61	kN
Basic static load rating	C ₀	3.8	kN
Fatigue load limit	P _u	0.16	kN
Reference speed		28000	r/min
Limiting speed		26000	r/min
Calculation factor	A	0.000283	
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	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	0.52	
Calculation factor	Y_1	0.55	
Calculation factor	Y_2	0.93	
Mass			
Mass bearing		0.036	kg