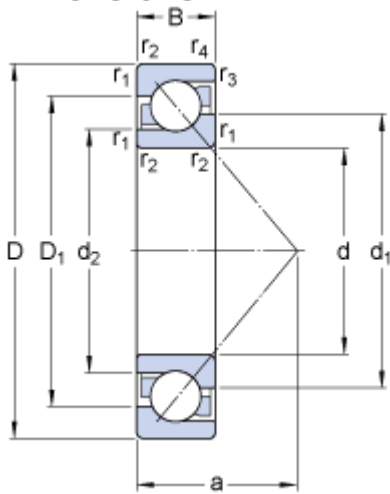


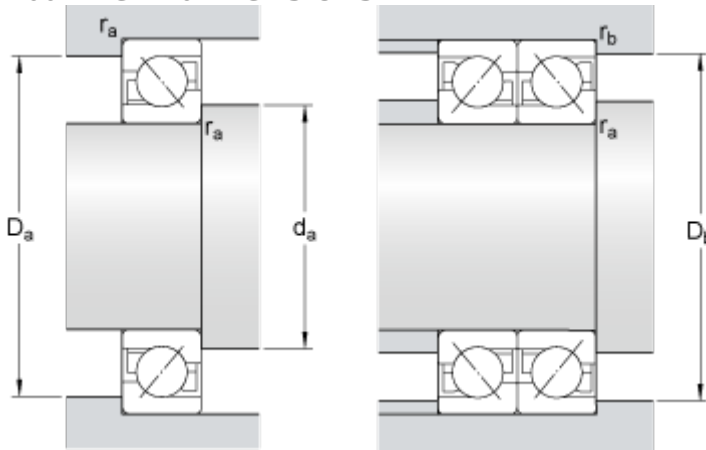
7302 BEP

Dimensions



d	15	mm
D	42	mm
B	13	mm
d ₁	≈ 26	mm
d ₂	≈ 20.73	mm
D ₁	≈ 32.6	mm
a	18.6	mm
r _{1,2}	min. 1	mm
r _{3,4}	min. 0.6	mm

Abutment dimensions



d _a	min. 21	mm
D _a	max. 36	mm
D _b	max. 38	mm
r _a	max. 1	mm
r _b	max. 0.6	mm

Calculation data

Basic dynamic load rating	C	13	kN
Basic static load rating	C	6.7	kN
Fatigue load limit	P _u	0.28	kN
Reference speed		15000	r/min
Limiting speed		20000	r/min
Calculation factor	A	0.000907	
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

0.08

kg