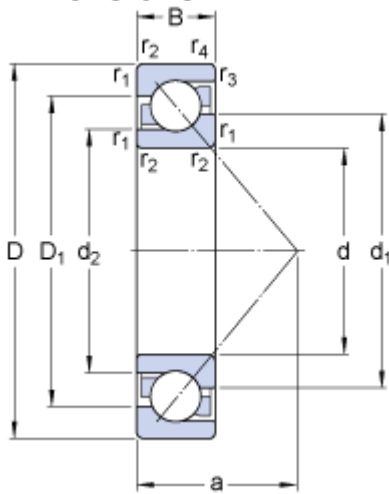


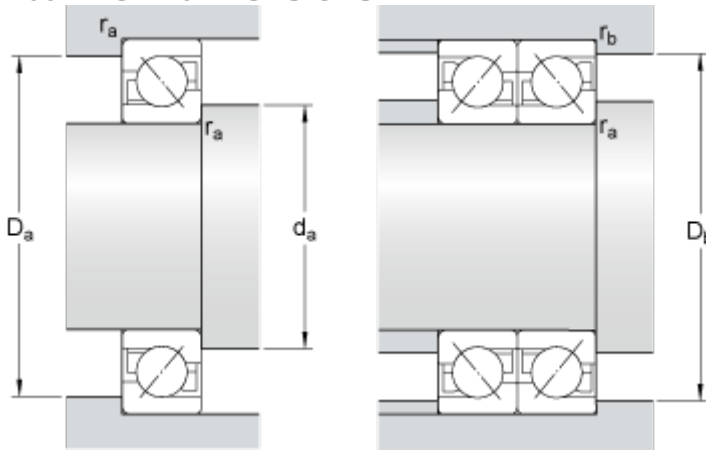
7413 BCBM

Dimensions



d	65	mm
D	160	mm
B	37	mm
d ₁	≈ 101.38	mm
d ₂	≈ 83.75	mm
D ₁	≈ 125	mm
a	65	mm
r _{1,2}	min. 2.1	mm
r _{3,4}	min. 2.1	mm

Abutment dimensions



d _a	min. 55	mm
D _a	max. 110	mm
D _b	max. 144.5	mm
r _a	max. 2	mm
r _b	max. 2	mm

Calculation data

Basic dynamic load rating	C	130	kN
Basic static load rating	C	96.5	kN
Fatigue load limit	P _u	3.8	kN
Reference speed		5000	r/min
Limiting speed		5300	r/min
Calculation factor	A	0.182	
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

4

kg