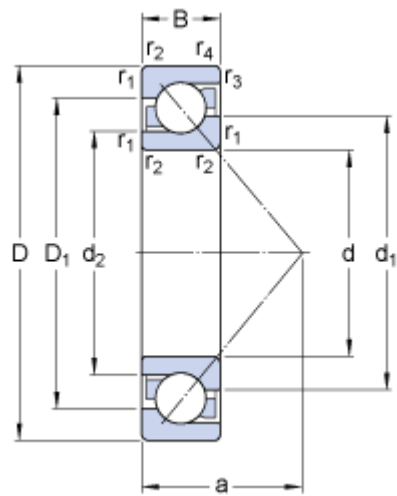


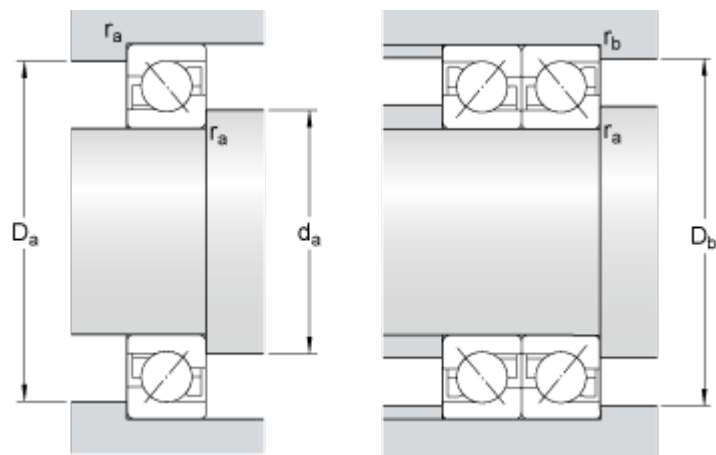
7228 BCBM

Dimensions



d	140	mm
D	250	mm
B	42	mm
d_1	$\approx$ 183.3	mm
d_2	$\approx$ 163.6	mm
D_1	$\approx$ 209.5	mm
a	103	mm
$r_{1,2}$	min. 3	mm
$r_{3,4}$	min. 1.1	mm

Abutment dimensions



d_a	min. 154	mm
D_a	max. 236	mm
D_b	max. 243	mm
r_a	max. 2.5	mm
r_b	max. 1	mm

Calculation data

Basic dynamic load rating	C	199	kN
Basic static load rating	C_0	212	kN
Fatigue load limit	P_u	6.4	kN
Reference speed		3000	r/min
Limiting speed		3000	r/min
Calculation factor	k_r	0.08	
Calculation factor	k_a	1.2	
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	8.85	kg
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