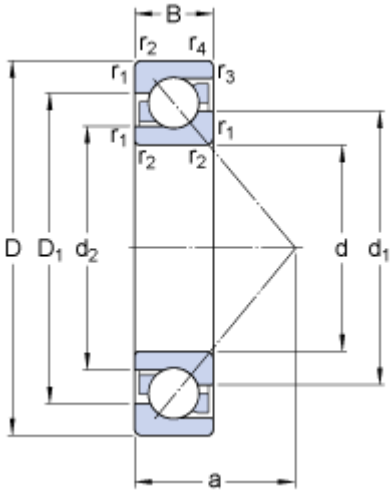


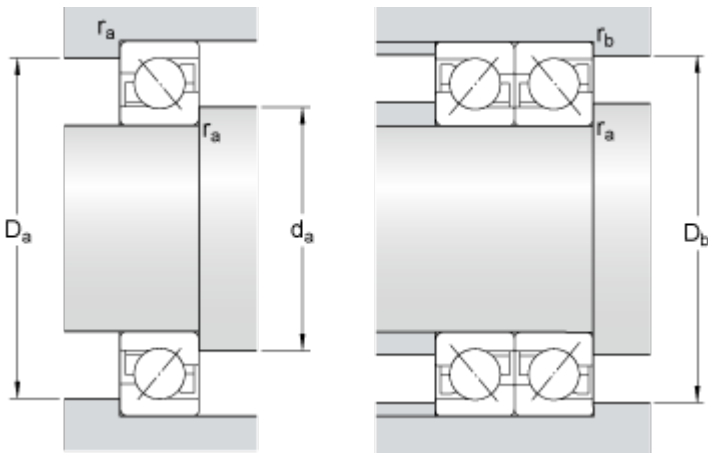
7218 BEP

Dimensions



d	90	mm
D	160	mm
B	30	mm
d_1	\approx 117.1	mm
d_2	\approx 103.06	mm
D_1	\approx 134.8	mm
a	67	mm
$r_{1,2}$	min. 2	mm
$r_{3,4}$	min. 1	mm

Abutment dimensions



d_a	min. 101	mm
D_a	max. 149	mm
D_b	max. 154	mm
r_a	max. 2	mm
r_b	max. 1	mm

Calculation data

Basic dynamic load rating	C	108	kN
Basic static load rating	C_0	96.5	kN
Fatigue load limit	P_u	3.65	kN
Reference speed		4500	r/min

Limiting speed		4500	r/min
Calculation factor	k_r	0.095	
Calculation factor	k_a	1.4	
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		2.3	kg
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