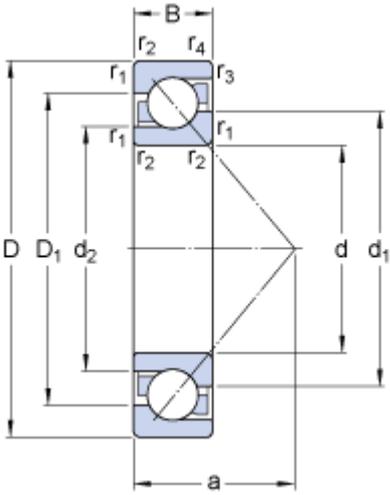


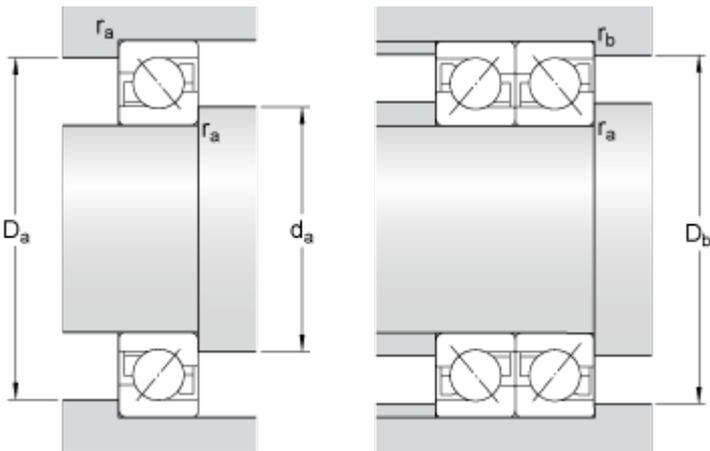
# 7334 BCBM

## Dimensions



$d$	6.693	in
$D$	14.173	in
$B$	2.835	in
$d_1$	≈ 9.598	in
$d_2$	≈ 8.183	in
$D_1$	≈ 11.476	in
$a$	5.787	in
$r_{1,2}$	min. 0.157	in
$r_{3,4}$	min. 0.0787	in

## Abutment dimensions



$d_a$	min. 7.362	in
$D_a$	max. 13.504	in
$D_b$	max. 13.819	in
$r_a$	max. 0.118	in
$r_b$	max. 0.0787	in

## Calculation data

Basic dynamic load rating	$C$	87675.488	lbf
Basic static load rating	$C_0$	110156.382	lbf
Fatigue load limit	$P_u$	2855.074	lbf
Reference speed		2000	r/min
Limiting speed		2200	r/min
Calculation factor	$k_r$	0.09	
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
<b>Bearing pair arranged back-to-back or face-to-face</b>		
Calculation factor	X	0.57
Calculation factor	$Y_0$	0.52
Calculation factor	$Y_1$	0.55
Calculation factor	$Y_2$	0.93

**Mass**

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Mass bearing		79.366	lb
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