



3308 DNRCBM

Angular contact ball bearings, double row

Bearing data

[Tolerances,](#)

Normal, P6, P5,

[Internal clearance,](#)

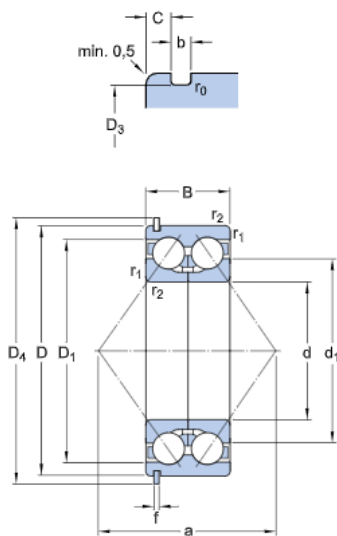
table, drawing no

Bearing interfaces

[Seat tolerances for standard conditions,](#)

[Tolerances and resultant fit](#)

Technical specification

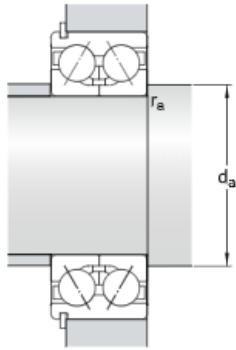


DIMENSIONS

d	40 mm
D	90 mm
B	36.5 mm
d ₁	≈ 61.15 mm
D ₁	≈ 77.47 mm
D ₃	86.8 mm
D ₄	96.5 mm
C	3.28 mm
b	2.7 mm
f	2.46 mm
r ₀	max. 0.6 mm
r _{1,2}	min. 1.5 mm
a	71 mm

ABUTMENT DIMENSIONS

d _a	min. 49 mm
r _a	max. 1.5 mm



CALCULATION DATA

Basic dynamic load rating	C	49.4 kN
Basic static load rating	C_0	41.5 kN
Fatigue load limit	P_u	1.76 kN
Reference speed		8000 r/min
Limiting speed		7000 r/min
Calculation factor	k_r	0.095
Calculation factor	e	1.14
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	1.2 kg
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More information

Product details	Engineering information	Tools
Designs and variants <hr/>	Principles of rolling bearing selection <hr/>	Bearing Select <hr/>
Bearing data <hr/>	General bearing knowledge <hr/>	SimPro Quick <hr/>
Loads <hr/>	Bearing selection process <hr/>	Engineering Calculator <hr/>
Temperature limits <hr/>	Bearing interfaces <hr/>	LubeSelect for SKF greases <hr/>
Permissible speed <hr/>	Seat tolerances for standard conditions <hr/>	Heater selection tool <hr/>
Designation system <hr/>	Selecting internal clearance or preload <hr/>	Rolling bearings mounting and dismounting instructions <hr/>
	Lubrication <hr/>	
	Sealing, mounting and dismounting <hr/>	
	Bearing failure and how to prevent it <hr/>	

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