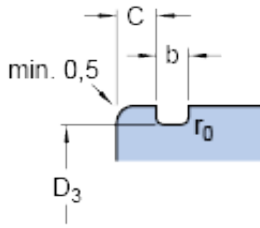


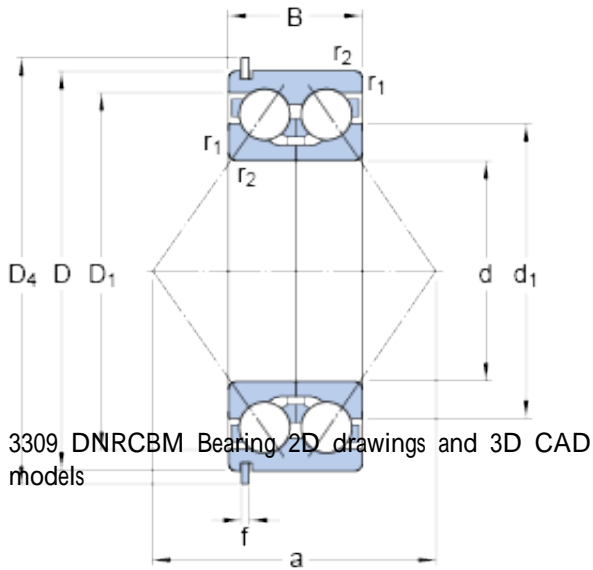


# Jinan Kaiming Bearing Co., Ltd.



45 mm x 100 mm x 39.7 mm SKF 3309  
DNRCBM angular contact ball bearings

Bearing No. 3309 DNRCBM



3309, DNRCBM Bearing, 2D drawings and 3D CAD models

Size	100x45x39.7 mm
Bore Diameter	100 mm
Outer Diameter	45 mm
Width	39,7 mm
d	45 mm
D	100 mm
B	39.7 mm
d <sub>1</sub>	67.95 mm
D <sub>1</sub>	86.53 mm
D <sub>3</sub>	96.8 mm
D <sub>4</sub>	106.5 mm
C	3.28 mm
b	2.7 mm
f	2.46 mm
r <sub>0</sub> - max.	0.6 mm
r <sub>1,2</sub> - min.	1.5 mm
a	79 mm
d <sub>a</sub> - min.	54 mm
r <sub>a</sub> - max.	1.5 mm
Basic dynamic load rating - C	61.8 kN
Basic static load rating - C <sub>0</sub>	52 kN
Fatigue load limit - P <sub>u</sub>	2.2 kN
Reference speed	6000 r/min
Limiting speed	6300 r/min



## Jinan Kaiming Bearing Co., Ltd.

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
Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.51
EAN	7316571251950
Product Group	B00152
Enclosure	Open
Flush Ground	No
Rolling Element	Ball Bearing
Number of Rows of Balls	Double Row
Precision Class	ABEC 3   ISO P6
Maximum Capacity / Filling Slot	No
Snap Ring	Yes
Cage Material	Brass
Contact Angle	40 Degree
Internal Clearance	CB
Number of Bearings	1 (Single)
Inch - Metric	Metric
Long Description	45MM Bore; 100MM Outside Diameter; 39.7MM Width; Open; No Flush Ground; Ball Bearing; Double Row of Balls; ABEC 3   ISO P6; No Filling Slot; Yes Snap Ring



## Jinan Kaiming Bearing Co., Ltd.

Other Features	Split Inner Race   Normal Axial Internal Clearance
Category	Angular Contact Ball Bearing
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	3309 DNRCBM
Weight / LBS	3.333
Bore	1.772 Inch   45 Millimeter
Outside Diameter	3.937 Inch   100 Millimeter
Width	1.563 Inch   39.7 Millimeter
bore diameter:	45 mm
radial static load capacity:	52 kN
outside diameter:	100 mm
cage material:	Brass
overall width:	1.5625 in
outer ring width:	39.7 mm
contact angle:	40 °
maximum rpm:	6300 RPM
row type & fill slot:	Double-Row Non-Fill Slot
finish/coating:	Uncoated
internal clearance:	C0
precision rating:	Not Rated
closure type:	Open
fillet radius:	1.5 mm
radial dynamic load capacity:	61.8 kN
series:	33
d <sub>1</sub>	67.95 mm
D <sub>1</sub>	86.53 mm



## Jinan Kaiming Bearing Co., Ltd.

$D_3$	96.8 mm
$D_4$	106.5 mm
$r_0$ max.	0.6 mm
$r_{1,2}$ min.	1.5 mm
$d_a$ min.	54 mm
$r_a$ max.	1.5 mm
Basic dynamic load rating C	61.8 kN
Basic static load rating $C_0$	52 kN
Fatigue load limit $P_u$	2.2 kN
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 bearing	1.5 kg