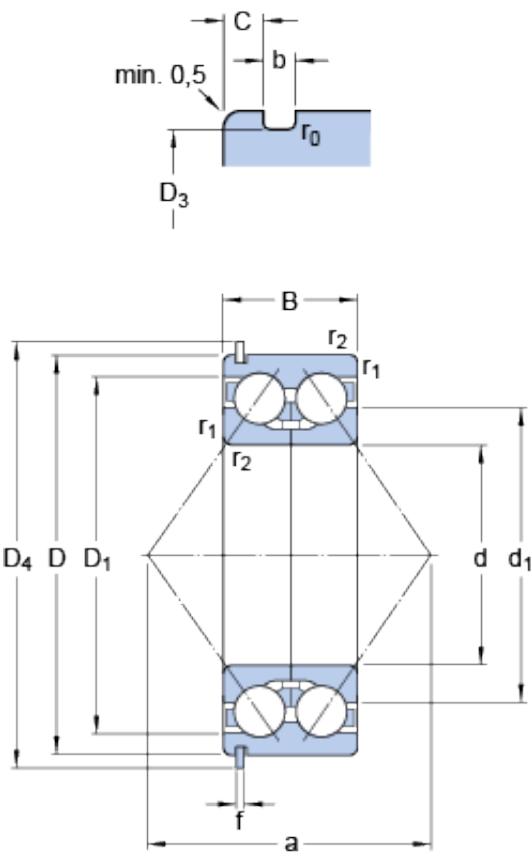




Bearing No. 3309 DNRCBM

C	3.28 mm
a	79 mm
f	2.46 mm
d	45 mm
D	100 mm
B	39.7 mm
b	2.7 mm
Bore	1.772 Inch 45 Millimeter
Noun	Bearing
Width	1.563 Inch 39.7 Millimeter
UNSPSC	31171531
series:	33
Category	Angular Contact Ball Bearing
Size (mm)	100x45x39.7
Inventory	0.0
Enclosure	Open
Snap Ring	Yes
Width (mm)	39,7
maximum rpm:	6300 RPM
Flush Ground	No
Weight / LBS	3.333
Mass bearing	1.5 kg
Inch - Metric	Metric
Contact Angle	40 Degree
Product Group	B00152
Cage Material	Brass
closure type:	Open
D ₄	106.5 mm

D ₃	96.8 mm
D ₁	86.53 mm
d ₁	67.95 mm
D ₃	96.8 mm
D ₄	106.5 mm
bore diameter:	45 mm
Keyword String	Angular Contact
cage material:	Brass
overall width:	1.5625 in
Other Features	Split Inner Race Normal Axial Internal Clearance
fillet radius:	1.5 mm
contact angle:	40 °
Bearing number	3309 DNRCBM
Limiting speed	6300 r/min
finish/coating:	Uncoated
Reference speed	6000 r/min
Precision Class	ABEC 3 ISO P6
Rolling Element	Ball Bearing
Outside Diameter	3.937 Inch 100 Millimeter
Manufacturer URL	http://www.skf.com
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
Weight / Kilogram	1.51
Manufacturer Name	SKF
precision rating:	Not Rated
outer ring width:	39.7 mm

outside diameter:	100 mm
d_a min.	54 mm
r_0 max.	0.6 mm
Bore Diameter (mm)	100
r_a max.	1.5 mm
Number of Bearings	1 (Single)
Internal Clearance	CB
internal clearance:	C0
Outer Diameter (mm)	45
r_a - max.	1.5 mm
Calculation factor X	0.57
Calculation factor e	1.14
$r_{1,2}$ min.	1.5 mm
Minimum Buy Quantity	N/A
r_0 - max.	0.6 mm
d_a - min.	54 mm
D_1 ?	86.53 mm
d_1 ?	67.95 mm
row type & fill slot:	Double-Row Non-Fill Slot
Harmonized Tariff Code	8482.10.50.28
Calculation factor - e	1.14
Calculation factor - X	0.57
$r_{1,2}$ - min.	1.5 mm
Number of Rows of Balls	Double Row
Manufacturer Item Number	3309 DNRCBM
Basic dynamic load rating C	61.8 kN
radial static load capacity:	52 kN
radial dynamic load capacity:	61.8 kN
Basic dynamic load	61.8 kN

rating - C	
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	2.2 kN
Calculation factor k_r	0.095
Calculation factor Y_0	0.52
Calculation factor Y_1	0.55
Calculation factor Y_2	0.93
Fatigue load limit - P_u	2.2 kN
Calculation factor - Y_1	0.55
Calculation factor - Y_2	0.93
Calculation factor - Y_0	0.52
Calculation factor - k_r	0.095
Basic static load rating C_0	52 kN
Basic static load rating - C_0	52 kN