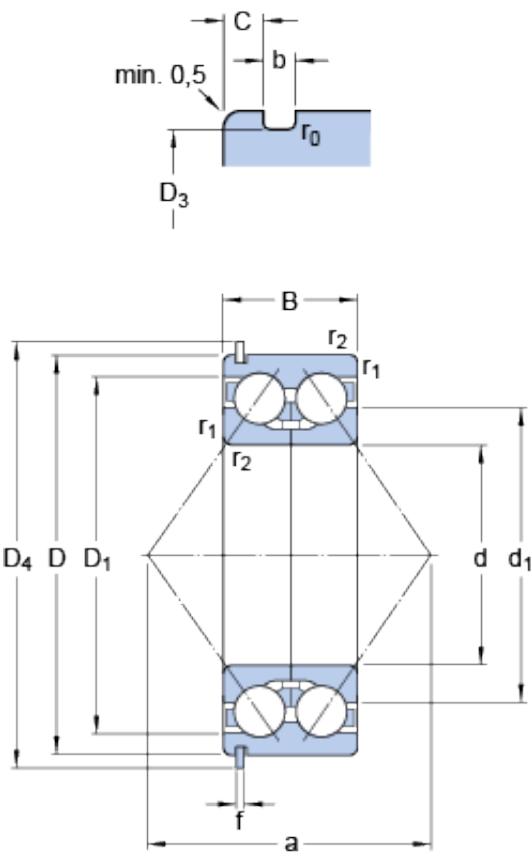




Bearing No. 3308 DNRCBM

C	3.28 mm
a	71 mm
f	2.46 mm
d	40 mm
D	90 mm
B	36.5 mm
b	2.7 mm
Bore	1.575 Inch 40 Millimeter
Noun	Bearing
Width	1.437 Inch 36.5 Millimeter
UNSPSC	31171531
series:	33
Category	Angular Contact Ball Bearing
Size (mm)	90x40x36.5
Inventory	0.0
Enclosure	Open
Snap Ring	Yes
Width (mm)	36,5
maximum rpm:	7000 RPM
Flush Ground	No
Weight / LBS	2.557
Mass bearing	1.2 kg
Inch - Metric	Metric
Contact Angle	40 Degree
Product Group	B00152
Cage Material	Brass
closure type:	Open
D ₄	96.5 mm

D ₃	86.8 mm
D ₁	77.47 mm
d ₁	61.15 mm
D ₃	86.8 mm
D ₄	96.5 mm
bore diameter:	40 mm
Keyword String	Angular Contact
cage material:	Brass
overall width:	1.4375 in
Other Features	Split Inner Race Normal Axial Internal Clearance
fillet radius:	1.5 mm
contact angle:	40 °
Bearing number	3308 DNRCBM
Limiting speed	7000 r/min
finish/coating:	Uncoated
Reference speed	6700 r/min
Precision Class	ABEC 3 ISO P6
Rolling Element	Ball Bearing
Outside Diameter	3.543 Inch 90 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	40MM Bore; 90MM Outside Diameter; 36.5MM Width; Open; No Flush Ground; Ball Bearing; Double Row of Balls; ABEC 3 ISO P6; No Filling Slot; Yes Snap Ring
Weight / Kilogram	1.16
Manufacturer Name	SKF
precision rating:	Not Rated
outer ring width:	36.5 mm

outside diameter:	90 mm
d _a min.	49 mm
r ₀ max.	0.6 mm
Bore Diameter (mm)	90
r _a max.	1.5 mm
Number of Bearings	1 (Single)
Internal Clearance	CB
internal clearance:	C0
Outer Diameter (mm)	40
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.	49 mm
D ₁ ?	77.47 mm
d ₁ ?	61.15 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	3308 DNRCBM
Basic dynamic load rating C	49.4 kN
radial static load capacity:	41-1/2 kN
radial dynamic load capacity:	49.4 kN
Basic dynamic load	49.4 kN

rating - C	
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	1.76 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	1.8 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	41.5 kN
Basic static load rating - C_0	41.5 kN