



# NTN BEARING USA CORP.



## 45 mm x 100 mm x 25 mm SKF 7309 BEGAM Angular Contact Ball Bearings

Bearing No. 7309 BEGAM

7309 BEGAM Bearing 2D drawings and 3D CAD models

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0
EAN	7316577610546
Product Group	B00308
Enclosure	Open
Flush Ground	Yes
Rolling Element	Ball Bearing
Number of Rows of Balls	Single Row
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Brass
Contact Angle	40 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Preload	Light
Mounting Arrangement	Universal
Inch - Metric	Metric
Long Description	45MM Bore; 100MM Outside Diameter; 25MM Width; Open; Yes Flush Ground; Ball Bearing; Single



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	Row of Balls; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; C0-Medium; Brass Cage; 40 Degree; 1 (Single);
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>
d	1.772 Inch   45 Millimeter
D	3.937 Inch   100 Millimeter
B	0.984 Inch   25 Millimeter
d	45 mm
D	100 mm
B	25 mm
d <sub>1</sub>	66.5 mm
d <sub>2</sub>	55.25 mm
D <sub>1</sub>	79.9 mm
a	43 mm
r <sub>1,2</sub> min.	1.5 mm
r <sub>3,4</sub> min.	1 mm
d <sub>a</sub> min.	54 mm
D <sub>a</sub> max.	91 mm
D <sub>b</sub> max.	94.4 mm
r <sub>a</sub> max.	1.5 mm
r <sub>b</sub> max.	1 mm
Basic dynamic load rating C	55.9 kN
Basic static load rating C <sub>0</sub>	37.5 kN
Fatigue load limit P <sub>u</sub>	1.6 kN
Reference speed	8500 r/min
Limiting speed	11000 r/min



## NTN BEARING USA CORP.

Calculation factor A	0.0268
Calculation factor $k_r$	0.1
Calculation factor e	1.14
Calculation factor X	0.35
Calculation factor $Y_0$	0.26
Calculation factor $Y_2$	0.57
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	0.91 kg