



# High Quality NSK BEARING LTD



7309 BEGBP Bearing 2D drawings and 3D CAD models

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

Bearing No. 7309 BEGBP

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.836
EAN	7316577150608
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	Polyamide
Contact Angle	40 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Preload	Medium
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; Polyamide Cage; 40 Degree; 1 (Singl
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	7309 BEGBP
d	1.772 Inch   45 Millimeter
B	0.984 Inch   25 Millimeter
D	3.937 Inch   100 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	61 kN
Basic static load rating C <sub>0</sub>	40.5 kN
Fatigue load limit P <sub>u</sub>	1.73 kN
Reference speed	8500 r/min



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Limiting speed	9000 r/min
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	0.82 kg