



# NTN Bearing de Mexico, S.A.



## 95 mm x 200 mm x 45 mm SKF 7319 BEGAP Angular Contact Ball Bearings

Bearing No. 7319 BEGAP

7319 BEGAP Bearing 2D drawings and 3D CAD models

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	5.876
EAN	7316577610386
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	Light
Mounting Arrangement	Universal
Inch - Metric	Metric
Long Description	95MM Bore; 200MM Outside Diameter; 45MM 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	7319 BEGAP
B	1.772 Inch   45 Millimeter
d	3.74 Inch   95 Millimeter
D	7.874 Inch   200 Millimeter
bore diameter:	95 mm
cage material:	Nylon
outside diameter:	200 mm
outer ring width:	45 mm
overall width:	45 mm
finish/coating:	Uncoated
contact angle:	40 °
precision rating:	Not Rated
row type & fill slot:	Single-Row Non-Fill Slot
fillet radius:	2.5 mm
internal clearance:	C0
series:	73
closure type:	Open
d	95 mm
D	200 mm
B	45 mm
d <sub>1</sub>	136.2 mm
d <sub>2</sub>	114.92 mm



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$D_1$	161.25 mm
a	84 mm
$r_{1,2}$ min.	3 mm
$r_{3,4}$ min.	1.1 mm
$d_a$ min.	109 mm
$D_a$ max.	186 mm
$D_b$ max.	193 mm
$r_a$ max.	2.5 mm
$r_b$ max.	1 mm
Basic dynamic load rating C	180 kN
Basic static load rating $C_0$	163 kN
Fatigue load limit $P_u$	5.7 kN
Reference speed	4000 r/min
Limiting speed	4300 r/min
Calculation factor A	0.406
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	6.05 kg