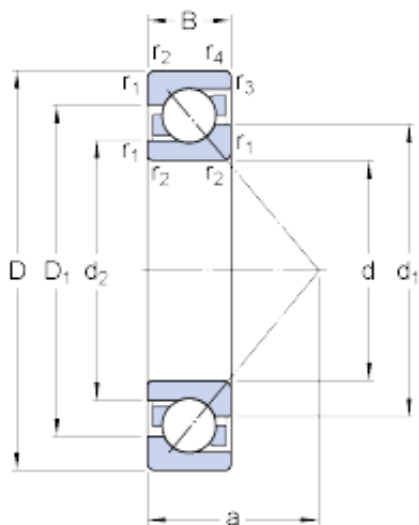




# NTN BEARING de Mexico, S.A.



## 35 mm x 80 mm x 21 mm SKF 7307 BEGAP Rolamentos de esferas de contacto angular

Bearing No. 7307 BEGAP

7307 BEGAP Bearing 2D drawings and 3D CAD models

Size	80x35x21 mm
Bore Diameter	80 mm
Outer Diameter	35 mm
Width	21 mm
d	35 mm
D	80 mm
B	21 mm
d <sub>1</sub>	52.65 mm
d <sub>2</sub>	43.62 mm
D <sub>1</sub>	63.45 mm
a	35 mm
r <sub>1,2</sub> - min.	1.5 mm
r <sub>3,4</sub> - min.	1 mm
d <sub>a</sub> - min.	44 mm
D <sub>a</sub> - max.	71 mm
D <sub>b</sub> - max.	74.4 mm
r <sub>a</sub> - max.	1.5 mm
r <sub>b</sub> - max.	1 mm
Basic dynamic load rating - C	41.5 kN
Basic static load rating - C <sub>0</sub>	26.5 kN
Fatigue load limit - P <sub>u</sub>	1.1 kN
Reference speed	11000 r/min
Limiting speed	11000 r/min
Calculation factor - k <sub>r</sub>	0.1



## NTN BEARING de Mexico, S.A.

Calculation factor - $k_a$	1.6
Calculation factor - e	1.14
Calculation factor - X	0.57
Calculation factor - $Y_0$	0.52
Calculation factor - $Y_1$	0.55
Calculation factor - $Y_2$	0.93
Calculation factor - X	0.35
Calculation factor - $Y_0$	0.26
Calculation factor - $Y_1$	
Calculation factor - $Y_2$	0.57
Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.44
EAN	7316577651693
Product Group	B00308
Enclosure	Open
Flush Ground	Yes
Rolling Element	Ball Bearing
Number of Rows of Balls	Single Row
Precision Class	ABEC 3   ISO P6
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Polymer
Contact Angle	40 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Preload	Light
Mounting Arrangement	Universal



## NTN BEARING de Mexico, S.A.

Inch - Metric	Metric
Long Description	35MM Bore; 80MM Outside Diameter; 21MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3   ISO P6; No Filling Slot; No Snap Ring
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	7307 BEGAP
Weight / LBS	0.979
Outside Diameter	3.15 Inch   80 Millimeter
Width	0.827 Inch   21 Millimeter
Bore	1.378 Inch   35 Millimeter
bore diameter:	35 mm
radial static load capacity:	26.5 kN
outside diameter:	80 mm
cage material:	Nylon
overall width:	21 mm
outer ring width:	21 mm
contact angle:	40 °
maximum rpm:	11000 RPM
row type & fill slot:	Single-Row Non-Fill Slot
finish/coating:	Uncoated
internal clearance:	C0
precision rating:	ABEC 3 (ISO Class 6)
closure type:	Open
fillet radius:	1.5 mm



## NTN BEARING de Mexico, S.A.

radial dynamic load capacity:	41.5 kN
series:	73
$d_1$	52.5 mm
$d_2$	43.62 mm
$D_1$	63.45 mm
$r_{1,2}$ min.	1.5 mm
$r_{3,4}$ min.	1 mm
$d_a$ min.	44 mm
$D_a$ max.	71 mm
$D_b$ max.	74.4 mm
$r_a$ max.	1.5 mm
$r_b$ max.	1 mm
Basic dynamic load rating C	41.5 kN
Basic static load rating $C_0$	26.5 kN
Fatigue load limit $P_u$	1.14 kN
Calculation factor A	0.0111
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	0.45 kg