



# NTN BEARING CORP.OF AMERICA



7210 BEGBP Bearing 2D drawings and 3D CAD models

## 50 mm x 90 mm x 20 mm SKF 7210 BEGBP Angular Contact Ball Bearings

Bearing No. 7210 BEGBP

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.472
EAN	7316570570328
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	50MM Bore; 90MM Outside Diameter; 20MM 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 (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>
Manufacturer Item Number	7210 BEGBP
D	3.543 Inch   90 Millimeter
d	1.969 Inch   50 Millimeter
B	0.787 Inch   20 Millimeter
d	50 mm
D	90 mm
B	20 mm
d <sub>1</sub>	65.75 mm
d <sub>2</sub>	57.68 mm
D <sub>1</sub>	75.15 mm
a	39 mm
r <sub>1,2</sub> min.	1.1 mm
r <sub>3,4</sub> min.	0.6 mm
d <sub>a</sub> min.	57 mm
D <sub>a</sub> max.	83 mm
D <sub>b</sub> max.	85.8 mm
r <sub>a</sub> max.	1 mm
r <sub>b</sub> max.	0.6 mm
Basic dynamic load rating C	40 kN
Basic static load rating C <sub>0</sub>	31 kN
Fatigue load limit P <sub>u</sub>	1.32 kN
Reference speed	9000 r/min



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Limiting speed	9000 r/min
Calculation factor A	0.014
Calculation factor $k_r$	0.095
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	0.47 kg