



NTN Bearing de Mexico, S.A.



7208 BECBJ Bearing 2D drawings and 3D CAD models

40 mm x 80 mm x 18 mm SKF 7208 BECBJ
Angular Contact Ball Bearings

Bearing No. 7208 BECBJ

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.396
EAN	7316571052755
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	Steel
Contact Angle	40 Degree
Internal Clearance	CB
Number of Bearings	1 (Single)
Mounting Arrangement	Universal
Inch - Metric	Metric
Long Description	40MM Bore; 80MM Outside Diameter; 18MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap



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	Ring; CB; Steel Cage; 40 Degree; 1 (Single); Universa
Other Features	Normal Axial Internal Clearance
Category	Angular Contact Ball Bearing
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	7208 BECBJ
B	0.709 Inch 18 Millimeter
d	1.575 Inch 40 Millimeter
D	3.15 Inch 80 Millimeter
bore diameter:	40 mm
maximum temperature:	257 ° F
outside diameter:	80 mm
cage material:	Steel
overall width:	18 mm
maximum rpm:	11000 rpm
contact angle:	40 °
finish/coating:	Uncoated
row type & fill slot:	Single-Row Non-Fill Slot
fillet radius:	1.1 mm
bore type:	Round
series:	7200
closure type:	Open
weight:	0.82 lb
bearing material:	Steel
manufacturer product page:	Click here
radial dynamic load capacity:	36.5 kN



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manufacturer upc number:	7316571052755
radial static load capacity:	26 kN
d	40 mm
D	80 mm
B	18 mm
d ₁	56.25 mm
d ₂	48.08 mm
D ₁	65.55 mm
a	34 mm
r _{1,2} min.	1.1 mm
r _{3,4} min.	0.6 mm
d _a min.	47 mm
D _a max.	73 mm
D _b max.	75.8 mm
r _a max.	1 mm
r _b max.	0.6 mm
Basic dynamic load rating C	36.5 kN
Basic static load rating C ₀	26 kN
Fatigue load limit P _u	1.1 kN
Reference speed	10000 r/min
Limiting speed	11000 r/min
Calculation factor A	0.0102
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	0.37 kg



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