



# GARLOCK BEARINGS LTD



## 70 mm x 125 mm x 24 mm SKF 7214 BECBJ Angular Contact Ball Bearings

Bearing No. 7214 BECBJ

7214 BECBJ Bearing 2D drawings and 3D CAD models

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	1.178
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	70MM Bore; 125MM Outside Diameter; 24MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; CB; Steel Cage; 40



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	Degree; 1 (Single); Univers
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	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	7214 BECBJ
B	0.945 Inch   24 Millimeter
D	4.921 Inch   125 Millimeter
d	2.756 Inch   70 Millimeter
bore diameter:	70 mm
maximum temperature:	257 ° F
outside diameter:	125 mm
cage material:	Steel
overall width:	24 mm
maximum rpm:	6300 rpm
contact angle:	40 °
finish/coating:	Uncoated
row type & fill slot:	Single-Row Non-Fill Slot
fillet radius:	1.5 mm
bore type:	Round
series:	7200
closure type:	Open
weight:	2.43 lbs
bearing material:	Steel
manufacturer product page:	<a href="#">Click here</a>
radial dynamic load capacity:	72 kN
manufacturer upc number:	7316570867886



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radial static load capacity:	60 kN
d	70 mm
D	125 mm
B	24 mm
d <sub>1</sub>	91.5 mm
d <sub>2</sub>	80.25 mm
D <sub>1</sub>	104.75 mm
a	53 mm
r <sub>1,2</sub> min.	1.5 mm
r <sub>3,4</sub> min.	1 mm
d <sub>a</sub> min.	79 mm
D <sub>a</sub> max.	116 mm
D <sub>b</sub> max.	119 mm
r <sub>a</sub> max.	1.5 mm
r <sub>b</sub> max.	1 mm
Basic dynamic load rating C	72 kN
Basic static load rating C <sub>0</sub>	60 kN
Fatigue load limit P <sub>u</sub>	2.55 kN
Reference speed	6300 r/min
Limiting speed	6300 r/min
Calculation factor A	0.0529
Calculation factor k <sub>r</sub>	0.095
Calculation factor e	1.14
Calculation factor X	0.35
Calculation factor Y <sub>0</sub>	0.26
Calculation factor Y <sub>2</sub>	0.57
Calculation factor X	0.57
Calculation factor Y <sub>0</sub>	0.52
Calculation factor Y <sub>1</sub>	0.55
Calculation factor Y <sub>2</sub>	0.93
Mass bearing	1.1 kg