



# SNR BEARING CORP.OF AMERICA



75 mm x 130 mm x 25 mm skf 7215 BEGAY  
Single row angular contact ball bearings

Bearing No. 7215 BEGAY

7215 BEGAY Bearing 2D drawings and 3D CAD models

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	1.297
EAN	7316577648969
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	Brass
Contact Angle	40 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Preload	Light
Mounting Arrangement	Universal
Inch - Metric	Metric
Long Description	75MM Bore; 130MM Outside Diameter; 25MM Width; Open; Yes Flush Ground; Ball Bearing; Single



## SNR BEARING CORP.OF AMERICA

	Row of Balls; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; C0-Medium; Brass 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	7215 BEGAY
d	2.953 Inch   75 Millimeter
B	0.984 Inch   25 Millimeter
D	5.118 Inch   130 Millimeter
bore diameter:	75 mm
radial static load capacity:	64 kN
outside diameter:	130 mm
cage material:	Brass
overall width:	25 mm
outer ring width:	25 mm
contact angle:	40 °
maximum rpm:	5600 RPM
row type & fill slot:	Single-Row Non-Fill Slot
finish/coating:	Uncoated
internal clearance:	C0
precision rating:	Not Rated
closure type:	Open
fillet radius:	1.5 mm
radial dynamic load capacity:	72.8 kN
series:	72
d	75 mm
D	130 mm



## SNR BEARING CORP.OF AMERICA

B	25 mm
d <sub>1</sub>	96.3 mm
d <sub>2</sub>	85.25 mm
D <sub>1</sub>	110.1 mm
a	56 mm
r <sub>1,2</sub> min.	1.5 mm
r <sub>3,4</sub> min.	1 mm
d <sub>a</sub> min.	84 mm
D <sub>a</sub> max.	121 mm
D <sub>b</sub> max.	124 mm
r <sub>a</sub> max.	1.5 mm
r <sub>b</sub> max.	1 mm
Basic dynamic load rating C	76.5 kN
Basic static load rating C <sub>0</sub>	69.5 kN
Fatigue load limit P <sub>u</sub>	2.9 kN
Reference speed	6000 r/min
Limiting speed	6300 r/min
Calculation factor A	0.0636
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	1.2 kg