



## BEARING SUDAMERICANA, S.A.



### 25 mm x 62 mm x 25.4 mm SKF 3305 ATN9 Angular Contact Ball Bearings

Bearing No. 3305 ATN9

3305 ATN9 Bearing 2D drawings and 3D CAD models

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.354
EAN	7316577041104
Product Group	B00152
Enclosure	Open
Flush Ground	No
Rolling Element	Ball Bearing
Number of Rows of Balls	Double Row
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Polyamide
Contact Angle	30 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Inch - Metric	Metric
Long Description	25MM Bore; 62MM Outside Diameter; 25.4MM Width; Open; No Flush Ground; Ball Bearing; Double Row of Balls; ABEC 1   ISO P0; No Filling Slot; No Snap Ring;



## BEARING SUDAMERICANA, S.A.

	C0-Medium; Polyamide Cage; 30 Degree; 1 (Singl
Other Features	Glass Fibre Reinforced Cage
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	3305 ATN9
Weight / LBS	0.7621
B	1 Inch   25.4 Millimeter
d	0.984 Inch   25 Millimeter
D	2.441 Inch   62 Millimeter
bore diameter:	25 mm
radial static load capacity:	20-2/5 kN
outside diameter:	62 mm
cage material:	Polyamide
overall width:	1.0000 in
outer ring width:	25.4 mm
contact angle:	30 °
maximum rpm:	11000 RPM
row type & fill slot:	Double-Row Non-Fill Slot
finish/coating:	Uncoated
internal clearance:	C0
precision rating:	Not Rated
closure type:	Open
fillet radius:	1 mm
radial dynamic load capacity:	32 kN
series:	33
d	25 mm



## BEARING SUDAMERICANA, S.A.

D	62 mm
B	25.4 mm
d <sub>2</sub>	35.7 mm
D <sub>2</sub>	53.4 mm
r <sub>1,2</sub> min.	1.1 mm
a	36 mm
d <sub>a</sub> min.	32 mm
D <sub>a</sub> max.	55 mm
r <sub>a</sub> max.	1 mm
Basic dynamic load rating C	32 kN
Basic static load rating C <sub>0</sub>	20.4 kN
Fatigue load limit P <sub>u</sub>	0.865 kN
Reference speed	12000 r/min
Limiting speed	11000 r/min
Calculation factor k <sub>r</sub>	0.07
Calculation factor e	0.8
Calculation factor X	0.63
Calculation factor Y <sub>0</sub>	0.66
Calculation factor Y <sub>1</sub>	0.78
Calculation factor Y <sub>2</sub>	1.24
Mass bearing	0.35 kg