



# NTN BEARING USA CORP.



3320 A Bearing 2D drawings and 3D CAD models

100 mm x 215 mm x 82.6 mm skf 3320 A  
Double row angular contact ball bearings

Bearing No. 3320 A

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	12.47
EAN	7316570524239
Product Group	B00152
Enclosure	Open
Flush Ground	No
Rolling Element	Ball Bearing
Number of Rows of Balls	Double Row
Precision Class	ABEC 3   ISO P6
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Steel
Contact Angle	32 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Inch - Metric	Metric
Long Description	100MM Bore; 215MM Outside Diameter; 82.6MM Width; Open; No Flush Ground; Ball Bearing; Double Row of Balls; ABEC 3   ISO P6; No Filling Slot; No Snap Ring



## NTN BEARING USA CORP.

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	3320 A
Weight / LBS	27.47
B	3.252 Inch   82.6 Millimeter
D	8.465 Inch   215 Millimeter
d	3.937 Inch   100 Millimeter
bore diameter:	100 mm
radial static load capacity:	255 kN
outside diameter:	215 mm
operating temperature range:	257 ° F
overall width:	3.2500 in
cage material:	Steel
contact angle:	30 °
maximum rpm:	2800 rpm
row type & fill slot:	Double-Row Non-Fill Slot
finish/coating:	Uncoated
bore type:	Round
fillet radius:	3 mm
closure type:	Open
weight:	29.80 lbs
bearing material:	Steel
manufacturer product page:	<a href="#">Click here</a>
radial dynamic load capacity:	255 kN
manufacturer upc number:	7316570524239
d	100 mm



## NTN BEARING USA CORP.

D	215 mm
B	82.6 mm
d <sub>1</sub>	135.78 mm
D <sub>1</sub>	179.49 mm
r <sub>1,2</sub> min.	3 mm
a	127 mm
d <sub>a</sub> min.	114 mm
D <sub>a</sub> max.	201 mm
r <sub>a</sub> max.	2.5 mm
Basic dynamic load rating C	255 kN
Basic static load rating C <sub>0</sub>	255 kN
Fatigue load limit P <sub>u</sub>	8.65 kN
Reference speed	3400 r/min
Limiting speed	2800 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	13.5 kg