



# NTN Bearing de Mexico, S.A.



20 mm x 47 mm x 20.6 mm SKF 3204  
A-2RS1TN9/MT33 Angular Contact Ball Bearings

Bearing No. 3204 A-2RS1TN9/MT33

3204 A-2RS1TN9/MT33 Bearing 2D drawings and 3D CAD models

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.163
EAN	7316570086096
Product Group	B00152
Enclosure	2 Seals
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	20MM Bore; 47MM Outside Diameter; 20.6MM Width; 2 Seals; No Flush Ground; Ball Bearing; Double Row of Balls; ABEC 1   ISO P0; No Filling Slot; No Snap Ring;



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	C0-Medium; Polyamide Cage; 30 Degree; 1 (Si
Other Features	NBR Contact Seal   Glass Fibre Reinforced Cage   MT33-Lithium Soap Thickener Grease
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	3204 A-2RS1TN9/MT33
Weight / LBS	0.352
B	0.811 Inch   20.6 Millimeter
D	1.85 Inch   47 Millimeter
d	0.787 Inch   20 Millimeter
bore diameter:	20 mm
operating temperature range:	-40 to +210 ° F
outside diameter:	47 mm
cage material:	Fiberglass Reinforced Nylon
overall width:	0.8125 in
outer ring width:	20.6 mm
contact angle:	30 °
maximum rpm:	10000 RPM
row type & fill slot:	Double-Row Non-Fill Slot
finish/coating:	Uncoated
internal clearance:	C0
precision rating:	Not Rated
closure type:	Double Seal
fillet radius:	1 mm
radial dynamic load	20 kN



## NTN Bearing de Mexico, S.A.

capacity:	
series:	32
radial static load capacity:	12 kN
d	20 mm
D	47 mm
B	20.6 mm
d <sub>2</sub>	27.7 mm
D <sub>2</sub>	40.9 mm
r <sub>1,2</sub> min.	1 mm
a	28 mm
d <sub>a</sub> min.	25.6 mm
d <sub>a</sub> max.	27.5 mm
D <sub>a</sub> max.	41.4 mm
r <sub>a</sub> max.	1 mm
Basic dynamic load rating C	20.4 kN
Basic static load rating C <sub>0</sub>	12.9 kN
Fatigue load limit P <sub>u</sub>	0.55 kN
Limiting speed	10000 r/min
Calculation factor k <sub>r</sub>	0.06
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	0.16 kg