



Bearing No. 3203 A-2RS1TN9/MT33

B	17.5 mm
a	23 mm
d	17 mm
D	40 mm
Bore	0.669 Inch   17 Millimeter
Noun	Bearing
Width	0.689 Inch   17.5 Millimeter
UNSPSC	31171531
weight:	0.21 lb
series:	3200
Category	Angular Contact Ball Bearing
Size (mm)	40x17x17.5
Snap Ring	No
Enclosure	2 Seals
Inventory	0.0
bore type:	Round
Width (mm)	17,5
maximum rpm:	12000 rpm
Weight / LBS	0.2237
Flush Ground	No
Mass bearing	0.096 kg
Cage Material	Polyamide
closure type:	Double Sealed
d <sub>2</sub>	23.3 mm
D <sub>2</sub>	34.95 mm
Product Group	B00152
Inch - Metric	Metric
Contact Angle	30 Degree

Bearing number	3203 A-2RS1TN9/MT33
fillet radius:	0.6 mm
contact angle:	30 °
overall width:	0.6875 in
cage material:	Polyamide 66
Keyword String	Angular Contact
Other Features	NBR Contact Seal   Glass Fibre Reinforced Cage   MT33-Lithium Soap Thickener Grease
bore diameter:	17 mm
Limiting speed	12000 r/min
Precision Class	ABEC 1   ISO P0
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Long Description	17MM Bore; 40MM Outside Diameter; 17.5MM Width; 2 Seals; No Flush Ground; Ball Bearing; Double Row of Balls; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; C0-Medium; Polyamide Cage; 30 Degree; 1 (Si
Outside Diameter	1.575 Inch   40 Millimeter
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Weight / Kilogram	0.102
bearing material:	Steel
Manufacturer Name	SKF
outside diameter:	40 mm
d <sub>a</sub> min.	21.4 mm
Bore Diameter (mm)	40
r <sub>a</sub> max.	0.6 mm
Internal Clearance	C0-Medium

D <sub>a</sub> max.	35.6 mm
Number of Bearings	1 (Single)
d <sub>a</sub> max.	23 mm
Outer Diameter (mm)	17
Calculation factor X	0.63
Calculation factor e	0.8
Minimum Buy Quantity	N/A
D <sub>a</sub> - max.	35.6 mm
r <sub>1,2</sub> min.	0.6 mm
d <sub>a</sub> - min.	21.4 mm
d <sub>a</sub> - max.	23 mm
r <sub>a</sub> - max.	0.6 mm
maximum temperature:	257 °F
D <sub>2</sub> ?	34.95 mm
d <sub>2</sub> ?	23.3 mm
row type & fill slot:	Double-Row Non-Fill Slot
Calculation factor - e	0.8
Calculation factor - X	0.63
r <sub>1,2</sub> - min.	0.6 mm
Harmonized Tariff Code	8482.10.50.28
Number of Rows of Balls	Double Row
manufacturer upc number:	7316570420708
Manufacturer Item Number	3203 A-2RS1TN9/MT33
manufacturer product page:	<a href="#">Click here</a>
Basic dynamic load rating C	14.3 kN
radial static load capacity:	8.8 kN
Basic dynamic load rating - C	14.3 kN

radial dynamic load capacity:	14.3 kN
Maximum Capacity / Filling Slot	No
Calculation factor $k_r$	0.06
Calculation factor $Y_2$	1.24
Calculation factor $Y_1$	0.78
Calculation factor $Y_0$	0.66
Fatigue load limit $P_u$	0.365 kN
Calculation factor - $Y_1$	0.78
Fatigue load limit - $P_u$	0.365 kN
Calculation factor - $Y_0$	0.66
Calculation factor - $Y_2$	1.24
Calculation factor - $k_r$	0.06
Basic static load rating $C_0$	8.8 kN
Basic static load rating - $C_0$	8.8 kN