



# GENERAL BEARING IMPORT COMPANY



45 mm x 85 mm x 30.2 mm SKF 3209  
A-2ZTN9/MT33 AUSTRIA Bearing 45 × 85 × 30.2

Bearing No. 3209 A-2ZTN9/MT33

3209 A-2ZTN9/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	0.637
Product Group	B00152
Enclosure	2 Metal Shields
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	45MM Bore; 85MM Outside Diameter; 30.2MM Width; 2 Metal Shields; No Flush Ground; Ball Bearing; Double Row of Balls; ABEC 1   ISO P0; No Filling Slot; No Snap Ring;



## GENERAL BEARING IMPORT COMPANY

	C0-Medium; Polyamide Cage; 30 Degree
Other Features	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	3209 A-2ZTN9/MT33
Weight / LBS	1.455
d	1.772 Inch   45 Millimeter
B	1.189 Inch   30.2 Millimeter
D	3.346 Inch   85 Millimeter
d	45 mm
D	85 mm
B	30.2 mm
d <sub>2</sub>	52.8 mm
D <sub>2</sub>	77.1 mm
r <sub>1,2</sub> min.	1.1 mm
a	46 mm
d <sub>a</sub> min.	52 mm
d <sub>a</sub> max.	52.5 mm
D <sub>a</sub> max.	78 mm
r <sub>a</sub> max.	1 mm
Basic dynamic load rating C	51 kN
Basic static load rating C <sub>0</sub>	39 kN
Fatigue load limit P <sub>u</sub>	1.63 kN
Reference speed	8500 r/min
Limiting speed	7500 r/min



## GENERAL BEARING IMPORT COMPANY

Calculation factor $k_r$	0.06
Calculation factor $e$	0.8
Calculation factor $X$	0.63
Calculation factor $Y_0$	0.66
Calculation factor $Y_1$	0.78
Calculation factor $Y_2$	1.24
Mass bearing	0.63 kg