



NTN Bearing Rolamentos do Brasil Ltda.

45 mm x 75 mm x 16 mm NTN 6009ZZ/2AU1
Single row deep groove ball bearings

Bearing No. 6009ZZ/2AU1

d	45 mm
D	75 mm
B	16 mm
rs min	1 mm
Radial clearance class	CN
Mass	0.24 kg
Dynamic load, C	21 kN
Static load, C0	15.1 kN
Fatigue limit load, Cu	0.69 kN
f0	15.3
Nlim (grease)	9,200 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.73 Hz
Characteristic outer ring frequency, BPF0	5.55 Hz
Characteristic inner ring frequency, BPF1	7.45 Hz
da min	50 mm
Da max	70 mm
ra max	1 mm
Category	Single Row Ball Bearings

6009ZZ/2AU1 Bearing 2D drawings and 3D CAD models



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Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.241
Product Group	B00308
Enclosure	2 Metal Shields
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	45MM Bore; 75MM Outside Diameter; 16MM Outer Race Width; 2 Metal Shields; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Stee
Other Features	Deep Groove Shell Alvania Prelubricated
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.ntnamerica.com
Weight / LBS	0.53572
Bore	1.772 Inch 45 Millimeter
Outside Diameter	2.953 Inch 75 Millimeter



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Inner Race Width	0 Inch 0 Millimeter
Outer Race Width	0.63 Inch 16 Millimeter