



NTN BEARING MFG.CORP



45 mm x 75 mm x 16 mm SKF 6009 NR Single Row Ball Bearings

Bearing No. 6009 NR

6009 NR Bearing 2D drawings and 3D CAD models

Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.259
EAN	7316577740274
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	Yes
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; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage
Other Features	Deep Groove With Snap Ring



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Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	6009 NR
Weight / LBS	0.5709
d	1.772 Inch 45 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Outer Race Width	0.63 Inch 16 Millimeter
D	2.953 Inch 75 Millimeter
d	45 mm
D	75 mm
B	16 mm
d ₁	54.75 mm
D ₂	67.8 mm
D ₃	71.83 mm
D ₄	81.6 mm
b	1.9 mm
C	2.49 mm
f	1.7 mm
r ₀ max.	0.6 mm
r _{1,2} min.	1 mm
d _a min.	50.8 mm
D _a max.	69.2 mm
D _b min.	83 mm
b _a min.	2.2 mm
C _a max.	4.19 mm
r _a max.	1 mm
Basic dynamic load rating C	22.1 kN
Basic static load rating C ₀	14.6 kN



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Fatigue load limit P_u	0.64 kN
Reference speed	20000 r/min
Limiting speed	12000 r/min
Calculation factor k_r	0.025
Calculation factor f_0	14.9
Mass bearing	0.24 kg
Snap ring	SP 75