



NTN BEARING CORP.OF America LTD.



45 mm x 75 mm x 16 mm SKF 6009 Bearing

Bearing No. 6009

Size	75x45x16 mm
Bore Diameter	75 mm
Outer Diameter	45 mm
Width	16 mm
d	45 mm
D	75 mm
B	16 mm
d ₁	54.75 mm
D ₂	67.8 mm
r _{1,2} - min.	1 mm
d _a - min.	50.8 mm
D _a - max.	69.2 mm
r _a - max.	1 mm
Basic dynamic load rating - C	22.1 kN
Basic static load rating - C ₀	14.6 kN
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
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.25

6009 Bearing 2D drawings and 3D CAD models



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EAN	7316577094339
Product Group	B00308
Enclosure	Open
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 Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
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
Weight / LBS	0.55
Outside Diameter	2.953 Inch 75 Millimeter
Bore	1.772 Inch 45 Millimeter
Outer Race Width	0.63 Inch 16 Millimeter
d ₁	54.75 mm
D ₂	67.8 mm
r _{1,2} min.	1 mm
d _a min.	50.8 mm



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D_a max.	69.2 mm
r_a max.	1 mm
Basic dynamic load rating C	22.1 kN
Basic static load rating C_0	14.6 kN
Fatigue load limit P_u	0.64 kN
Calculation factor k_r	0.025
Calculation factor f_0	14.9
Mass bearing	0.24 kg