



BEARING FORGE OF AMERICA CORP.



45 mm x 120 mm x 29 mm skf 6409 bearing

Bearing No. 6409

6409 Bearing 2D drawings and 3D CAD models

Size	120x45x29 mm
Bore Diameter	120 mm
Outer Diameter	45 mm
Width	29 mm
d	45 mm
D	120 mm
B	29 mm
d ₁	68.91 mm
D ₁	95.85 mm
r _{1,2} - min.	2 mm
d _a - min.	58 mm
D _a - max.	107 mm
r _a - max.	2 mm
Basic dynamic load rating - C	76.1 kN
Basic static load rating - C ₀	45 kN
Fatigue load limit - P _u	1.9 kN
Reference speed	13000 r/min
Limiting speed	8500 r/min
Calculation factor - k _r	0.035
Calculation factor - f ₀	12.1
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.581



BEARING FORGE OF AMERICA CORP.

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; 120MM Outside Diameter; 29MM 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	6409
Weight / LBS	3.48
Bore	1.772 Inch 45 Millimeter
Outer Race Width	1.142 Inch 29 Millimeter
Outside Diameter	4.724 Inch 120 Millimeter
bore diameter:	45 mm
static load capacity:	45 kN
outside diameter:	120 mm
precision rating:	ABEC 1 (ISO Class Normal)



BEARING FORGE OF AMERICA CORP.

overall width:	29 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	29 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	2 mm
snap ring included:	Without Snap Ring
maximum rpm:	8500 RPM
internal clearance:	C0
series:	64
dynamic load capacity:	76.1 kN
d_1	68.91 mm
D_1	95.85 mm
$r_{1,2}$ min.	2 mm
d_a min.	58 mm
D_a max.	107 mm
r_a max.	2 mm
Basic dynamic load rating C	76.1 kN
Basic static load rating C_0	45 kN
Fatigue load limit P_u	1.9 kN
Calculation factor k_r	0.035
Calculation factor f_0	12.1
Mass bearing	1.57 kg