



## BEARING FORGE OF AMERICA CORP.



9 mm x 24 mm x 7 mm skf 609 bearing

Bearing No. 609

Size	9x24x7 mm
Bore Diameter	9 mm
Outer Diameter	24 mm
Width	7 mm
d	9 mm
D	24 mm
B	7 mm
C	7 mm
d1	14,4 mm
r1 min.	0,3 mm
r2 min.	0,3 mm
D1	19,8 mm
D2	21,2 mm
da min.	11 mm
Da max.	22 mm
rc max.	0,3 mm
Weight	0,014 Kg
Basic dynamic load rating (C)	3,9 kN
Basic static load rating (C0)	1,66 kN
Fatigue load limit (Pu)	0,071
Reference speed	70000 r/min
Limiting speed	43000 r/min
Calculation factor (f0)	13
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF

609 Bearing 2D drawings and 3D CAD models



## BEARING FORGE OF AMERICA CORP.

Minimum Buy Quantity	N/A
Weight / Kilogram	0.016
EAN	7316577111784
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	9MM Bore; 24MM Outside Diameter; 7MM 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	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	609
Weight / LBS	0.04
Outer Race Width	0.276 Inch   7 Millimeter
Bore	0.354 Inch   9 Millimeter
Outside Diameter	0.945 Inch   24 Millimeter
bore diameter:	9 mm
static load capacity:	1.66 kN



## BEARING FORGE OF AMERICA CORP.

outside diameter:	24 mm
precision rating:	ABEC 3 (ISO Class 6)
overall width:	7 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	7 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	0.3 mm
snap ring included:	Without Snap Ring
maximum rpm:	43000 RPM
internal clearance:	C0
series:	60
dynamic load capacity:	3.9 kN
$d_1$	14.45 mm
$D_2$	21.2 mm
$d_a$ min.	11 mm
$D_a$ max.	22 mm
$r_a$ max.	0.3 mm
Basic dynamic load rating C	3.9 kN
Basic static load rating $C_0$	1.66 kN
Fatigue load limit $P_u$	0.071 kN
Calculation factor $k_r$	0.025
Calculation factor $f_0$	13
Mass bearing	0.014 kg