



BEARING FORGE OF AMERICA CORP.



110 mm x 240 mm x 50 mm skf 6322 bearing

Bearing No. 6322

6322 Bearing 2D drawings and 3D CAD models

Size	240x110x50 mm
Bore Diameter	240 mm
Outer Diameter	110 mm
Width	50 mm
d	110 mm
D	240 mm
B	50 mm
d ₁	149.5 mm
D ₁	199.95 mm
r _{1,2} - min.	3 mm
d _a - min.	124 mm
D _a - max.	226 mm
r _a - max.	2.5 mm
Basic dynamic load rating - C	203 kN
Basic static load rating - C ₀	180 kN
Fatigue load limit - P _u	5.7 kN
Reference speed	6000 r/min
Limiting speed	3800 r/min
Calculation factor - k _r	0.03
Calculation factor - f ₀	13.1
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	9.56



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	110MM Bore; 240MM Outside Diameter; 50MM 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	6322
Weight / LBS	21.05
Outside Diameter	9.449 Inch 240 Millimeter
Bore	4.331 Inch 110 Millimeter
Outer Race Width	1.969 Inch 50 Millimeter
bore diameter:	110 mm
static load capacity:	180 kN
outside diameter:	240 mm
precision rating:	ABEC 1 (ISO Class Normal)



BEARING FORGE OF AMERICA CORP.

overall width:	50 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	50 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	2.5 mm
snap ring included:	Without Snap Ring
maximum rpm:	3800 RPM
internal clearance:	C0
series:	63
dynamic load capacity:	203 kN
d_1	149.5 mm
D_1	199.95 mm
$r_{1,2}$ min.	3 mm
d_a min.	124 mm
D_a max.	226 mm
r_a max.	2.5 mm
Basic dynamic load rating C	203 kN
Basic static load rating C_0	180 kN
Fatigue load limit P_u	5.7 kN
Calculation factor k_r	0.03
Calculation factor f_0	13.1
Mass bearing	9.66 kg