



BEARING CORP.OF AMERICA



110 mm x 240 mm x 50 mm skf 6322 Deep groove ball bearings

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



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Weight / Kilogram	9.56
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)



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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