



Bearing No. 1322 M

D	240 mm
d	110 mm
B	50 mm
Bore	4.331 Inch 110 Millimeter
Noun	Bearing
UNSPSC	31171532
series:	1300
Category	Self Aligning Ball Bearings
Size (mm)	240x110x50
Enclosure	Open
Inventory	0.0
bore type:	Straight
Width (mm)	50
maximum rpm:	3600 RPM
Weight / LBS	25.353
Mass bearing	12 kg
Inch - Metric	Metric
C ₁	2.512 mm
C ₁	2.512 mm
Cage Material	Brass
closure type:	Open
D ₁	202.9 mm
Product Group	B00152
d ₁	154.35 mm
Bearing number	1322 M
Other Features	Allowable Misalignment 3 Deg 1:12 Taper
Adapter Sleeve	H-322

Keyword String	Self Aligning
bore diameter:	110 mm
overall width:	50 mm
cage material:	Brass
fillet radius:	3 mm
Limiting speed	3600 r/min
Mounting Method	Tapered Adapter
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Reference speed	5300 r/min
Outside Diameter	9.449 Inch 240 Millimeter
Manufacturer URL	http://www.skf.com
Outer Race Width	1.969 Inch 50 Millimeter
Inner Race Width	1.969 Inch 50 Millimeter
Long Description	110MM Bore; Tapered Adapter Mount; 240MM Outside Diameter; 50MM Inner Race Width; 50MM Outer Race Width; Open; Brass Cage; Double Row of Balls; ABEC 1 ISO P0; C0-Medium
Weight / Kilogram	12.01
Manufacturer Name	SKF
precision rating:	Not Rated
outside diameter:	240 mm
outer ring width:	50 mm
r _a max.	3 mm
D _a max.	226 mm
Internal Clearance	C0-Medium
	124 mm

da min.	
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Bore Diameter (mm)	240
internal clearance:	C0
Outer Diameter (mm)	110
Calculation factor e	0.22
$r_{1,2}$ min.	3 mm
d_a - min.	124 mm
D_a - max.	226 mm
r_a - max.	3 mm
Minimum Buy Quantity	N/A
d_1 ?	154.35 mm
static load capacity:	72 kN
D_1 ?	202.9 mm
$r_{1,2}$ - min.	3 mm
Harmonized Tariff Code	8482.10.50.68
Calculation factor - e	0.22
dynamic load capacity:	163 kN
Number of Rows of Balls	Double Row
Manufacturer Item Number	1322 KM
Basic dynamic load rating C	163 kN
Basic dynamic load rating - C	163 kN
Fatigue load limit P_u	2.75 kN
Calculation factor Y_0	2.8
Calculation factor k_r	0.045
Calculation factor Y_1	2.9
Calculation factor Y_2	4.5
Calculation factor - Y_2	4.5
Fatigue load limit - P_u	2.8 kN
Calculation factor - k_r	0.045
Calculation factor - Y_0	2.8

Calculation factor - Y_1	2.9
Permissible angular misalignment ?	3 °
Basic static load rating C_0	72 kN
Basic static load rating - C_0	72 kN