



Bearing No. 6322

D	240 mm
d	110 mm
B	50 mm
Bore	4.331 Inch 110 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	63
Category	Single Row Ball Bearing
Enclosure	Open
Inventory	0.0
Size (mm)	240x110x50
Snap Ring	No
Width (mm)	50
bore type:	Round
Weight / LBS	21.05
Mass bearing	9.66 kg
maximum rpm:	3800 RPM
closure type:	Open
D ₁	199.95 mm
d ₁	149.5 mm
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
bore diameter:	110 mm
cage material:	Steel
Keyword String	Ball
fillet radius:	2.5 mm
overall width:	50 mm
Bearing number	6322

Limiting speed	3800 r/min
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	6000 r/min
Outer Race Width	1.969 Inch 50 Millimeter
Outside Diameter	9.449 Inch 240 Millimeter
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
Manufacturer URL	http://www.skf.com
outer ring width:	50 mm
precision rating:	ABEC 1 (ISO Class Normal)
outside diameter:	240 mm
Manufacturer Name	SKF
Weight / Kilogram	9.56
D _a max.	226 mm
Bore Diameter (mm)	240
Internal Clearance	C0-Medium
r _a max.	2.5 mm
d _a min.	124 mm
snap ring included:	Without Snap Ring
Outer Diameter (mm)	110
internal clearance:	C0
r _a - max.	2.5 mm
D _a - max.	226 mm
d _a - min.	124 mm

$r_{1,2}$ min.	3 mm
Minimum Buy Quantity	N/A
static load capacity:	180 kN
d_1 ?	149.5 mm
row type & fill slot:	Single Row Non-Fill Slot
D_1 ?	199.95 mm
dynamic load capacity:	203 kN
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	3 mm
Manufacturer Item Number	6322
Internal Special Features	No
Basic dynamic load rating C	203 kN
Basic dynamic load rating - C	203 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	5.7 kN
Calculation factor k_r	0.03
Calculation factor f_0	13.1
Fatigue load limit - P_u	5.7 kN
Calculation factor - k_r	0.03
Calculation factor - f_0	13.1
Basic static load rating C_0	180 kN
Basic static load rating - C_0	180 kN