



**Bearing No. 6322/C3VL0241**

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
Size (mm)	240x110x50
Snap Ring	No
Enclosure	Open
Inventory	0.0
Width (mm)	50
bore type:	Round
maximum rpm:	3800 RPM
Weight / LBS	21.129
Mass bearing	9.65 kg
Inch - Metric	Metric
d <sub>1</sub>	149.5 mm
Cage Material	Steel
D <sub>2</sub>	207 mm
Product Group	B00308
closure type:	Open
overall width:	50 mm
bore diameter:	110 mm
Other Features	Deep Groove   VL0241 Aluminum Oxide Coated External Surfaces
fillet radius:	2.5 mm
Limiting speed	3800 r/min

Keyword String	Ball
Bearing number	6322/C3VL0241
finish/coating:	Aluminum Oxide
Reference speed	6000 r/min
Precision Class	ABEC 1   ISO P0
Rolling Element	Ball Bearing
Outer Race Width	1.969 Inch   50 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Outside Diameter	9.449 Inch   240 Millimeter
Long Description	110MM Bore; 240MM Outside Diameter; 50MM Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; Electrical Insulation on Outer Ring Internal Special Features; C3-Loose I
Weight / Kilogram	9.593
outer ring width:	50 mm
Manufacturer Name	SKF
outside diameter:	240 mm
precision rating:	Not Rated
D <sub>a</sub> min.	213 mm
D <sub>a</sub> max.	226 mm
d <sub>a</sub> min.	124 mm
Bore Diameter (mm)	240
Internal Clearance	C3-Loose
r <sub>a</sub> max.	2.5 mm
Outer Diameter (mm)	110
internal clearance:	C3

snap ring included:	Without Snap Ring
Minimum Buy Quantity	N/A
resistance features:	Current-Insulating Coating
$r_{1,2}$ min.	3 mm
$d_a$ - min.	124 mm
$r_a$ - max.	2.5 mm
$D_a$ - min.	213 mm
$D_a$ - max.	226 mm
$d_1$ ?	149.5 mm
$D_2$ ?	207 mm
static load capacity:	180 kN
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	3 mm
dynamic load capacity:	203 kN
Manufacturer Item Number	6322/C3VL0241
Internal Special Features	Electrical Insulation on Outer Ring
Basic dynamic load rating C	203 kN
Basic dynamic load rating - C	203 kN
Maximum Capacity / Filling Slot	No
Calculation factor $k_r$	0.03
Fatigue load limit $P_u$	5.7 kN
Calculation factor $f_0$	13.1
Calculation factor - $f_0$	13
Calculation factor - $k_r$	0.03
Fatigue load limit - $P_u$	5.7 kN
Basic static load rating $C_0$	180 kN
Basic static load rating -	180 kN

C <sub>0</sub>	
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