



Bearing No. 6320/C3VL0241

D	215 mm
d	100 mm
B	47 mm
Bore	3.937 Inch 100 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	63
Category	Single Row Ball Bearing
Enclosure	Open
Inventory	0.0
Size (mm)	215x100x47
Snap Ring	No
Width (mm)	47
bore type:	Round
Weight / LBS	15.788
Mass bearing	7 kg
maximum rpm:	4300 RPM
closure type:	Open
D ₂	186 mm
d ₁	135.85 mm
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
overall width:	47 mm
Keyword String	Ball
fillet radius:	2.5 mm
Other Features	Deep Groove VL0241 Aluminum Oxide Coated External Surfaces
bore diameter:	100 mm

Bearing number	6320/C3VL0241
Limiting speed	4300 r/min
Precision Class	ABEC 1 ISO P0
finish/coating:	Aluminum Oxide
Rolling Element	Ball Bearing
Reference speed	6700 r/min
Inner Race Width	0 Inch 0 Millimeter
Outside Diameter	8.465 Inch 215 Millimeter
Long Description	100MM Bore; 215MM Outside Diameter; 47MM 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
Manufacturer URL	http://www.skf.com
Outer Race Width	1.85 Inch 47 Millimeter
outer ring width:	47 mm
Weight / Kilogram	7.168
Manufacturer Name	SKF
precision rating:	Not Rated
outside diameter:	215 mm
Bore Diameter (mm)	215
Internal Clearance	C3-Loose
r _a max.	2.5 mm
d _a min.	114 mm
D _a min.	191 mm
D _a max.	201 mm
internal clearance:	C3
Outer Diameter (mm)	100
snap ring included:	Without Snap Ring

d_a - min.	114 mm
D_a - min.	191 mm
$r_{1,2}$ min.	3 mm
D_a - max.	201 mm
resistance features:	Current-Insulating Coating
Minimum Buy Quantity	N/A
r_a - max.	2.5 mm
static load capacity:	140 kN
d_1 ?	135.85 mm
D_2 ?	186 mm
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	174 kN
Manufacturer Item Number	6320/C3VL0241
Internal Special Features	Electrical Insulation on Outer Ring
Basic dynamic load rating C	174 kN
Basic dynamic load rating - C	174 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	4.75 kN
Calculation factor k_r	0.03
Calculation factor f_0	13.2
Fatigue load limit - P_u	4.8 kN
Calculation factor - k_r	0.03
Calculation factor - f_0	13
Basic static load rating C_0	140 kN
Basic static load rating - C_0	140 kN