



Bearing No. 6319/C3VL0241

D	200 mm
d	95 mm
B	45 mm
Bore	3.74 Inch 95 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	63
Category	Single Row Ball Bearing
Size (mm)	200x95x45
Snap Ring	No
Enclosure	Open
Inventory	0.0
Width (mm)	45
bore type:	Round
maximum rpm:	4500 RPM
Weight / LBS	12.699
Mass bearing	5.65 kg
Inch - Metric	Metric
d ₁	127.7 mm
Cage Material	Steel
D ₂	174 mm
Product Group	B00308
closure type:	Open
overall width:	45 mm
bore diameter:	95 mm
fillet radius:	2.5 mm
Other Features	Deep Groove VL0241 Aluminum Oxide Coated External Surfaces
Limiting speed	4500 r/min

Keyword String	Ball
Bearing number	6319/C3VL0241
finish/coating:	Aluminum Oxide
Reference speed	7000 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Outside Diameter	7.874 Inch 200 Millimeter
Outer Race Width	1.772 Inch 45 Millimeter
Manufacturer URL	http://www.skf.com
Inner Race Width	0 Inch 0 Millimeter
Long Description	95MM Bore; 200MM Outside Diameter; 45MM 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 In
Weight / Kilogram	5.765
outer ring width:	45 mm
Manufacturer Name	SKF
outside diameter:	200 mm
precision rating:	Not Rated
D _a min.	179 mm
D _a max.	186 mm
d _a min.	109 mm
Bore Diameter (mm)	200
Internal Clearance	C3-Loose
r _a max.	2.5 mm
Outer Diameter (mm)	95
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.	109 mm
r_a - max.	2.5 mm
D_a - min.	179 mm
D_a - max.	186 mm
d_1 ?	127.7 mm
D_2 ?	174 mm
static load capacity:	118 kN
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	3 mm
dynamic load capacity:	159 kN
Manufacturer Item Number	6319/C3VL0241
Internal Special Features	Electrical Insulation on Outer Ring
Basic dynamic load rating C	153 kN
Basic dynamic load rating - C	159 kN
Maximum Capacity / Filling Slot	No
Calculation factor k_r	0.03
Fatigue load limit P_u	4.15 kN
Calculation factor f_0	13.3
Calculation factor - f_0	13
Calculation factor - k_r	0.03
Fatigue load limit - P_u	4.2 kN
Basic static load rating C_0	118 kN
Basic static load rating - C_0	118 kN

