



NTN-BOWER LTD.



95 mm x 200 mm x 45 mm SKF
6319/C3VL0241 GERMANY Bearing 95*200*45

Bearing No. 6319/C3VL0241

6319/C3VL0241 Bearing 2D drawings and 3D CAD models

Size	200x95x45 mm
Bore Diameter	200 mm
Outer Diameter	95 mm
Width	45 mm
d	95 mm
D	200 mm
B	45 mm
d ₁	127.7 mm
D ₂	174 mm
r _{1,2} - min.	3 mm
d _a - min.	109 mm
D _a - min.	179 mm
D _a - max.	186 mm
r _a - max.	2.5 mm
Basic dynamic load rating - C	159 kN
Basic static load rating - C ₀	118 kN
Fatigue load limit - P _u	4.2 kN
Reference speed	7000 r/min
Limiting speed	4500 r/min
Calculation factor - k _r	0.03
Calculation factor - f ₀	13
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF



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Minimum Buy Quantity	N/A
Weight / Kilogram	5.765
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	Electrical Insulation on Outer Ring
Cage Material	Steel
Internal Clearance	C3-Loose
Inch - Metric	Metric
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
Other Features	Deep Groove VL0241 Aluminum Oxide Coated External Surfaces
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	6319/C3VL0241
Weight / LBS	12.699
Outer Race Width	1.772 Inch 45 Millimeter
Outside Diameter	7.874 Inch 200 Millimeter



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Inner Race Width	0 Inch 0 Millimeter
Bore	3.74 Inch 95 Millimeter
bore diameter:	95 mm
static load capacity:	118 kN
outside diameter:	200 mm
precision rating:	Not Rated
overall width:	45 mm
finish/coating:	Aluminum Oxide
bore type:	Round
outer ring width:	45 mm
closure type:	Open
fillet radius:	2.5 mm
snap ring included:	Without Snap Ring
maximum rpm:	4500 RPM
internal clearance:	C3
series:	63
dynamic load capacity:	159 kN
resistance features:	Current-Insulating Coating
d_1	127.7 mm
D_2	174 mm
$r_{1,2}$ min.	3 mm
d_a min.	109 mm
D_a min.	179 mm
D_a max.	186 mm
r_a max.	2.5 mm
Basic dynamic load rating C	153 kN
Basic static load rating C_0	118 kN
Fatigue load limit P_u	4.15 kN
Calculation factor k_r	0.03
Calculation factor f_0	13.3
Mass bearing	5.65 kg