



**Bearing No. 6319 M/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
Enclosure	Open
Inventory	0.0
Size (mm)	200x95x45
Snap Ring	No
Width (mm)	45
bore type:	Round
Weight / LBS	15.146
Mass bearing	6.45 kg
maximum rpm:	4500 RPM
closure type:	Open
D <sub>2</sub>	174 mm
d <sub>1</sub>	127.7 mm
Inch - Metric	Metric
Cage Material	Brass
Product Group	B00308
bore diameter:	95 mm
cage material:	Brass
Keyword String	Ball
fillet radius:	2.5 mm
Other Features	Deep Groove   VL0241 Aluminum Oxide Coated External Surfaces

overall width:	45 mm
Bearing number	6319 M/C3VL0241
Limiting speed	4500 r/min
Precision Class	ABEC 1   ISO P0
Rolling Element	Ball Bearing
finish/coating:	Aluminum Oxide
Reference speed	7000 r/min
Outside Diameter	7.874 Inch   200 Millimeter
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
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Outer Race Width	1.772 Inch   45 Millimeter
outer ring width:	45 mm
Weight / Kilogram	6.876
Manufacturer Name	SKF
outside diameter:	200 mm
precision rating:	Not Rated
Bore Diameter (mm)	200
Internal Clearance	C3-Loose
r <sub>a</sub> max.	2.5 mm
d <sub>a</sub> min.	109 mm
D <sub>a</sub> min.	179 mm
D <sub>a</sub> max.	186 mm
internal clearance:	C3
Outer Diameter (mm)	95

snap ring included:	Without Snap Ring
$d_a$ - min.	109 mm
$r_{1,2}$ min.	3 mm
$D_a$ - min.	179 mm
resistance features:	Current-Insulating Coating
$r_a$ - max.	2.5 mm
Minimum Buy Quantity	N/A
$D_a$ - max.	186 mm
static load capacity:	118 kN
$d_1$ ?	127.7 mm
$D_2$ ?	174 mm
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	159 kN
$r_{1,2}$ - min.	3 mm
Manufacturer Item Number	6319 M/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
Fatigue load limit $P_u$	4.15 kN
Calculation factor $k_r$	0.03
Calculation factor $f_0$	13.3
Fatigue load limit - $P_u$	4.2 kN
Calculation factor - $k_r$	0.03
Calculation factor - $f_0$	13
Basic static load rating $C_0$	118 kN
Basic static load rating -	118 kN

C <sub>0</sub>	
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