



## BEARING FORGE OF AMERICA CORP.



95 mm x 200 mm x 45 mm skf 6319 bearing

Bearing No. 6319

6319 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 <sub>1</sub>	127.7 mm
D <sub>2</sub>	171.9 mm
r <sub>1,2</sub> - min.	3 mm
d <sub>a</sub> - min.	109 mm
D <sub>a</sub> - max.	186 mm
r <sub>a</sub> - max.	2.5 mm
Basic dynamic load rating - C	159 kN
Basic static load rating - C <sub>0</sub>	118 kN
Fatigue load limit - P <sub>u</sub>	4.2 kN
Reference speed	7000 r/min
Limiting speed	4500 r/min
Calculation factor - k <sub>r</sub>	0.03
Calculation factor - f <sub>0</sub>	13.3
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	5.76



## BEARING FORGE OF AMERICA CORP.

EAN	7316576621734
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	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	95MM Bore; 200MM Outside Diameter; 45MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	6319
Weight / LBS	12.68
Outer Race Width	1.772 Inch   45 Millimeter
Bore	3.74 Inch   95 Millimeter
Outside Diameter	7.874 Inch   200 Millimeter
bore diameter:	95 mm
static load capacity:	118 kN
outside diameter:	200 mm
precision rating:	Not Rated



## BEARING FORGE OF AMERICA CORP.

overall width:	45 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	45 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	2.5 mm
snap ring included:	Without Snap Ring
maximum rpm:	4500 RPM
internal clearance:	C0
series:	63
dynamic load capacity:	159 kN
$d_1$	127.7 mm
$D_2$	171.9 mm
$r_{1,2}$ min.	3 mm
$d_a$ min.	109 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 $P_u$	4.15 kN
Calculation factor $k_r$	0.03
Calculation factor $f_0$	13.3
Mass bearing	5.75 kg