



MianKang Bearing Co., Ltd.



6319 Bearing 2D drawings and 3D CAD models

skf 6319 bearing

Bearing No. 6319

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	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	4.2 kN
Reference speed	7000 r/min
Limiting speed	4500 r/min
Calculation factor - k _r	0.03
Calculation factor - f ₀	13.3
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	5.76



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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	http://www.skf.com
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
overall width:	45 mm



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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