



Bearing No. 6319

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	12.68
Mass bearing	5.75 kg
maximum rpm:	4500 RPM
closure type:	Open
D ₂	171.9 mm
d ₁	127.7 mm
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
bore diameter:	95 mm
cage material:	Steel
Keyword String	Ball
fillet radius:	2.5 mm
overall width:	45 mm
Bearing number	6319
Limiting speed	4500 r/min

finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	7000 r/min
Outside Diameter	7.874 Inch 200 Millimeter
Outer Race Width	1.772 Inch 45 Millimeter
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
Manufacturer URL	http://www.skf.com
outer ring width:	45 mm
precision rating:	Not Rated
outside diameter:	200 mm
Manufacturer Name	SKF
Weight / Kilogram	5.76
D _a max.	186 mm
Bore Diameter (mm)	200
Internal Clearance	C0-Medium
r _a max.	2.5 mm
d _a min.	109 mm
snap ring included:	Without Snap Ring
Outer Diameter (mm)	95
internal clearance:	C0
r _a - max.	2.5 mm
D _a - max.	186 mm
d _a - min.	109 mm
r _{1,2} min.	3 mm
Minimum Buy Quantity	N/A

static load capacity:	118 kN
d_1 ?	127.7 mm
row type & fill slot:	Single Row Non-Fill Slot
D_2 ?	171.9 mm
dynamic load capacity:	159 kN
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	3 mm
Manufacturer Item Number	6319
Internal Special Features	No
Basic dynamic load rating C	159 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	13.3
Basic static load rating C_0	118 kN
Basic static load rating - C_0	118 kN