



Bearing No. 6319-Z

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
Size (mm)	200x95x45
Snap Ring	No
Enclosure	1 Metal Shield
Inventory	0.0
Width (mm)	45
bore type:	Round
maximum rpm:	3600 RPM
Weight / LBS	12.8015
Mass bearing	5.79 kg
Product Group	B00308
Inch - Metric	Metric
Cage Material	Steel
closure type:	Single Shield
D ₂	171.9 mm
d ₁	127.7 mm
bore diameter:	95 mm
Other Features	Deep Groove
Bearing number	6319-Z
overall width:	45 mm
cage material:	Steel
fillet radius:	2.5 mm
Limiting speed	4500 r/min

Keyword String	Ball
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Reference speed	7000 r/min
Rolling Element	Ball Bearing
Inner Race Width	0 Inch 0 Millimeter
Outside Diameter	7.874 Inch 200 Millimeter
Manufacturer URL	http://www.skf.com
Outer Race Width	1.772 Inch 45 Millimeter
Long Description	95MM Bore; 200MM Outside Diameter; 45MM Outer Race Width; 1 Metal Shield; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Stee
outer ring width:	45 mm
Manufacturer Name	SKF
Weight / Kilogram	5.812
outside diameter:	200 mm
precision rating:	Not Rated
r _a max.	2.5 mm
Internal Clearance	C0-Medium
D _a max.	186 mm
d _a max.	127 mm
d _a min.	109 mm
Bore Diameter (mm)	200
Outer Diameter (mm)	95
internal clearance:	C0
r _{1,2} min.	3 mm
	127 mm

da - max.

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Minimum Buy Quantity	N/A
d_a - min.	109 mm
D_a - max.	186 mm
r_a - max.	2.5 mm
static load capacity:	118 kN
d_1 ?	127.7 mm
D_2 ?	171.9 mm
row type & fill slot:	Single Row Non-Fill Slot
$r_{1,2}$ - min.	3 mm
dynamic load capacity:	159 kN
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6319-Z
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 f_0	13.3
Calculation factor k_r	0.03
Calculation factor - k_r	0.03
Calculation factor - f_0	13
Fatigue load limit - P_u	4.2 kN
Basic static load rating C_0	118 kN
Basic static load rating - C_0	118 kN