BEARING BOWER CORP.

3319 A Bearing 2D drawings and 3D CAD models

95 mm x 200 mm x 77.8 mm SKF 3319 A Angular Contact Ball Bearings

Bearing No. 3319 A

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	9.98
EAN	7316570555370
Product Group	B00152
Enclosure	Open
Flush Ground	No
Rolling Element	Ball Bearing
Number of Rows of Balls	Double Row
Precision Class	ABEC 3 | ISO P6
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Steel
Contact Angle	32 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Inch - Metric	Metric
Long Description	95MM Bore; 200MM Outside Diameter; 77.8MM Width; Open; No Flush Ground; Ball Bearing; Double Row of Balls; ABEC 3 | ISO P6; No Filling Slot; No Snap Ring

Category	Angular Contact Ball Bearing
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	3319 A
Weight / LBS	21.98
B	3.063 Inch | 77.8 Millimeter
D	7.874 Inch | 200 Millimeter
d	3.74 Inch | 95 Millimeter
bore diameter:	95 mm
radial static load capacity:	216 kN
outside diameter:	200 mm
cage material:	Metal
overall width:	3.0625 in
outer ring width:	77.8 mm
contact angle:	30 °
maximum rpm:	3200 RPM
row type & fill slot:	Double-Row Non-Fill Slot
finish/coating:	Uncoated
internal clearance:	C0
precision rating:	Not Rated
closure type:	Open
fillet radius:	2.5 mm
radial dynamic load capacity:	240 kN
series:	33
d	95 mm
D	200 mm
B	77.8 mm
$d_1 \approx$	127.07 mm

$D_1 \approx$	175.5 mm
$r_{1,2}$ min.	3 mm
a	127 mm
d_a min.	109 mm
D_a max.	186 mm
r_a max.	2.5 mm
Basic dynamic load rating C	240 kN
Basic static load rating C_0	216 kN
Fatigue load limit P_u	7.5 kN
Reference speed	3600 r/min
Limiting speed	3200 r/min
Calculation factor k_r	0.07
Calculation factor e	0.8
Calculation factor X	0.63
Calculation factor Y_0	0.66
Calculation factor Y_1	0.78
Calculation factor Y_2	1.24
Mass bearing	11 kg