



GARLOCK BEARINGS LTD



95 mm x 200 mm x 45 mm SKF 7319 BEGAY Angular Contact Ball Bearings

Bearing No. 7319 BEGAY

7319 BEGAY Bearing 2D drawings and 3D CAD models

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	6.17
Product Group	B00308
Enclosure	Open
Flush Ground	Yes
Rolling Element	Ball Bearing
Number of Rows of Balls	Single Row
Precision Class	ABEC 3 ISO P6
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Brass
Contact Angle	40 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Preload	Light
Mounting Arrangement	Universal
Inch - Metric	Metric
Long Description	95MM Bore; 200MM Outside Diameter; 45MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap



GARLOCK BEARINGS LTD

	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	7319 BEGAY
Weight / LBS	13.592
d	3.74 Inch 95 Millimeter
D	7.874 Inch 200 Millimeter
B	1.772 Inch 45 Millimeter
bore diameter:	95 mm
radial static load capacity:	163 kN
outside diameter:	200 mm
cage material:	Brass
overall width:	45 mm
outer ring width:	45 mm
contact angle:	40 °
maximum rpm:	3800 RPM
row type & fill slot:	Single-Row Non-Fill Slot
finish/coating:	Uncoated
internal clearance:	C0
precision rating:	ABEC 3 (ISO Class 6)
closure type:	Open
fillet radius:	2.5 mm
radial dynamic load capacity:	178 kN
series:	73
d	95 mm
D	200 mm
B	45 mm



GARLOCK BEARINGS LTD

d_1	136.2 mm
d_2	114.92 mm
D_1	161.25 mm
a	84 mm
$r_{1,2}$ min.	3 mm
$r_{3,4}$ min.	1.1 mm
d_a min.	109 mm
D_a max.	186 mm
D_b max.	193 mm
r_a max.	2.5 mm
r_b max.	1 mm
Basic dynamic load rating C	168 kN
Basic static load rating C_0	150 kN
Fatigue load limit P_u	5.2 kN
Reference speed	4000 r/min
Limiting speed	3800 r/min
Calculation factor A	0.406
Calculation factor k_r	0.1
Calculation factor e	1.14
Calculation factor X	0.35
Calculation factor Y_0	0.26
Calculation factor Y_2	0.57
Calculation factor X	0.57
Calculation factor Y_0	0.52
Calculation factor Y_1	0.55
Calculation factor Y_2	0.93
Mass bearing	6.05 kg