



GARLOCK BEARINGS LTD



45 mm x 100 mm x 25 mm SKF 7309 BEGBP Angular Contact Ball Bearings

Bearing No. 7309 BEGBP

7309 BEGBP Bearing 2D drawings and 3D CAD models

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.836
Product Group	B00308
Enclosure	Open
Flush Ground	Yes
Rolling Element	Ball Bearing
Number of Rows of Balls	Single Row
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Polyamide
Contact Angle	40 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Preload	Medium
Mounting Arrangement	Universal
Inch - Metric	Metric
Long Description	45MM Bore; 100MM Outside Diameter; 25MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap



GARLOCK BEARINGS LTD

	Ring; C0-Medium; Polyamide Cage; 40 Degree; 1 (Singl
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	7309 BEGBP
d	1.772 Inch 45 Millimeter
B	0.984 Inch 25 Millimeter
D	3.937 Inch 100 Millimeter
d	45 mm
D	100 mm
B	25 mm
d ₁	66.5 mm
d ₂	55.25 mm
D ₁	79.9 mm
a	43 mm
r _{1,2} min.	1.5 mm
r _{3,4} min.	1 mm
d _a min.	54 mm
D _a max.	91 mm
D _b max.	94.4 mm
r _a max.	1.5 mm
r _b max.	1 mm
Basic dynamic load rating C	61 kN
Basic static load rating C ₀	40.5 kN
Fatigue load limit P _u	1.73 kN
Reference speed	8500 r/min
Limiting speed	9000 r/min



GARLOCK BEARINGS LTD

Calculation factor A	0.0268
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	0.82 kg