



KRY BEARING AFRICA PRIVATE LTD.



45 mm x 85 mm x 19 mm SKF 7209 BEGBY Angular Contact Ball Bearings

Bearing No. 7209 BEGBY

7209 BEGBY Bearing 2D drawings and 3D CAD models

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.42
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	Medium
Mounting Arrangement	Universal
Inch - Metric	Metric
Long Description	45MM Bore; 85MM Outside Diameter; 19MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap



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	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	7209 BEGBY
Weight / LBS	0.917
d	1.772 Inch 45 Millimeter
D	3.346 Inch 85 Millimeter
B	0.748 Inch 19 Millimeter
d	45 mm
D	85 mm
B	19 mm
d ₁	60.85 mm
d ₂	52.68 mm
D ₁	70.15 mm
a	37 mm
r _{1,2} min.	1.1 mm
r _{3,4} min.	0.6 mm
d _a min.	52 mm
D _a max.	78 mm
D _b max.	80.8 mm
r _a max.	1 mm
r _b max.	0.6 mm
Basic dynamic load rating C	37.7 kN
Basic static load rating C ₀	28 kN
Fatigue load limit P _u	1.2 kN
Reference speed	9500 r/min
Limiting speed	9000 r/min
Calculation factor A	0.0128



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Calculation factor k_r	0.095
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	0.42 kg