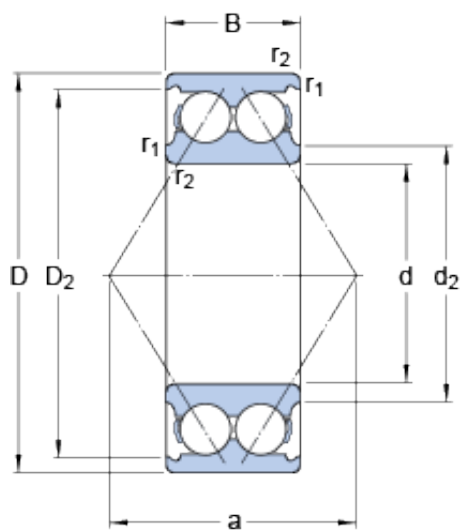




Bearing No. 3309 ATN9

D	100 mm
d	45 mm
B	39.7 mm
a	58 mm
Bore	1.772 Inch 45 Millimeter
Noun	Bearing
Width	1.563 Inch 39.69 Millimeter
UNSPSC	31171531
Category	Angular Contact Ball Bearing
Inventory	0.0
Snap Ring	No
Enclosure	Open
Size (mm)	100x45x39.7
Width (mm)	39,7
Flush Ground	No
Mass bearing	1.25 kg
Weight / LBS	2.91
Inch - Metric	Metric
Contact Angle	30 Degree
Cage Material	Polyamide
D ₂	89.95 mm
d ₂	55.6 mm
Product Group	B00152
Other Features	Glass Fibre Reinforced Cage
Keyword String	Angular Contact
Bearing number	3309 ATN9
Limiting speed	6700 r/min

Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	6700 r/min
Long Description	45MM Bore; 100MM Outside Diameter; 39.69MM Width; Open; No Flush Ground; Ball Bearing; Double Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; C0-Medium; Polyamide Cage; 30 Degree; 1 (Sin
Outside Diameter	3.937 Inch 100 Millimeter
Manufacturer URL	http://www.skf.com
Weight / Kilogram	1.295
Manufacturer Name	SKF
D _a max.	91 mm
r _a max.	1.5 mm
d _a min.	54 mm
Bore Diameter (mm)	100
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Outer Diameter (mm)	45
D _a - max.	91 mm
Calculation factor e	0.8
Calculation factor X	0.63
r _{1,2} min.	1.5 mm
d _a - min.	54 mm
r _a - max.	1.5 mm
Minimum Buy Quantity	N/A
d ₂ ?	55.6 mm
D ₂ ?	89.95 mm
Harmonized Tariff Code	8482.10.50.28

Calculation factor - X	0.63
Calculation factor - e	0.8
$r_{1,2}$ - min.	1.5 mm
Number of Rows of Balls	Double Row
Manufacturer Item Number	3309 ATN9
Basic dynamic load rating C	75 kN
Basic dynamic load rating - C	75 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	2.24 kN
Calculation factor k_r	0.07
Calculation factor Y_0	0.66
Calculation factor Y_1	0.78
Calculation factor Y_2	1.24
Fatigue load limit - P_u	2.2 kN
Calculation factor - k_r	0.07
Calculation factor - Y_0	0.66
Calculation factor - Y_1	0.78
Calculation factor - Y_2	1.24
Basic static load rating C_0	53 kN
Basic static load rating - C_0	53 kN