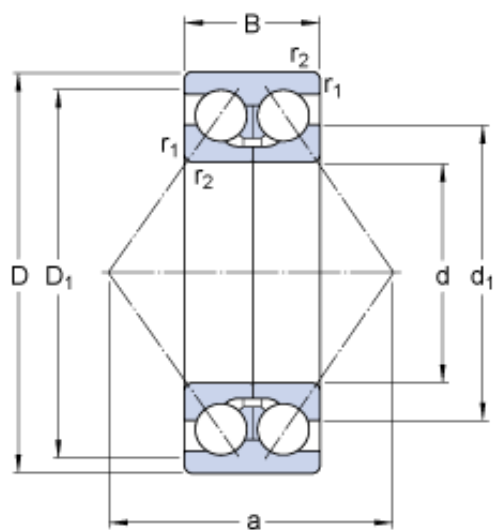




Bearing No. 3309 DMA

a	93 mm
d	45 mm
D	100 mm
B	39.7 mm
Noun	Bearing
Bore	1.772 Inch 45 Millimeter
Width	1.563 Inch 39.69 Millimeter
UNSPSC	31171531
series:	33
Category	Angular Contact Ball Bearing
Enclosure	Open
Snap Ring	No
Size (mm)	100x45x39.7
Inventory	0.0
Width (mm)	39,7
Weight / LBS	3.6155
maximum rpm:	6300 RPM
Flush Ground	No
Mass bearing	1.63 kg
Contact Angle	45 Degree
Cage Material	Brass
closure type:	Open
Product Group	B00152
Inch - Metric	Metric
D ₁	86.35 mm
d ₁	70 mm
Bearing number	3309 DMA
Limiting speed	6300 r/min

fillet radius:	1.5 mm
overall width:	1.5625 in
cage material:	Brass
Keyword String	Angular Contact
bore diameter:	45 mm
Precision Class	ABEC 1 ISO P0
Reference speed	6000 r/min
Rolling Element	Ball Bearing
finish/coating:	Uncoated
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; Brass Cage; 45 Degree; 1 (Single)
Outside Diameter	3.937 Inch 100 Millimeter
Manufacturer URL	http://www.skf.com
outside diameter:	100 mm
Weight / Kilogram	1.642
precision rating:	Not Rated
Manufacturer Name	SKF
outer ring width:	39.7 mm
Bore Diameter (mm)	100
Number of Bearings	1 (Single)
Internal Clearance	C0-Medium
d _a min.	54 mm
D _a max.	91 mm
r _a max.	1.5 mm
Outer Diameter (mm)	45
internal clearance:	C0

$r_{1,2}$ min.	1.5 mm
Calculation factor X	0.54
Calculation factor e	1.34
Minimum Buy Quantity	N/A
r_a - max.	1.5 mm
d_a - min.	54 mm
D_a - max.	91 mm
d_1 ?	70 mm
row type & fill slot:	Double-Row Non-Fill Slot
D_1 ?	86.35 mm
Calculation factor - X	0.54
$r_{1,2}$ - min.	1.5 mm
Calculation factor - e	1.34
Harmonized Tariff Code	8482.10.50.28
Number of Rows of Balls	Double Row
Manufacturer Item Number	3309 DMA
Basic dynamic load rating C	79.3 kN
radial static load capacity:	69.5 kN
radial dynamic load capacity:	79.3 kN
Basic dynamic load rating - C	79.3 kN
Maximum Capacity / Filling Slot	No
Calculation factor k_r	0.095
Calculation factor Y_2	0.81
Calculation factor Y_1	0.47
Calculation factor Y_0	0.44
Fatigue load limit P_u	3 kN
Calculation factor - k_r	0.095

Calculation factor - Y_0	0.44
Calculation factor - Y_2	0.81
Fatigue load limit - P_u	3 kN
Calculation factor - Y_1	0.47
Basic static load rating C_0	69.5 kN
Basic static load rating - C_0	69.5 kN