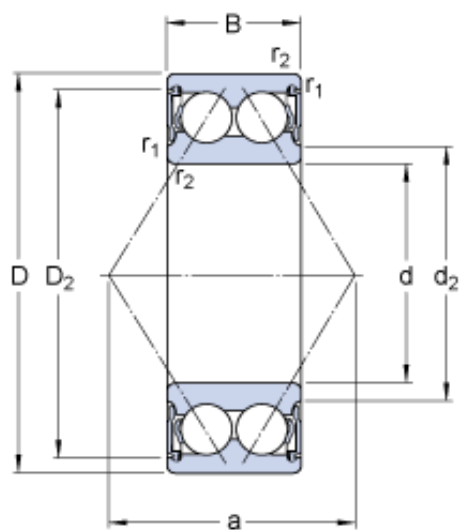




Bearing No. 3309 A-2RS1

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 39.7 Millimeter
UNSPSC	31171531
Category	Angular Contact Ball Bearing
Inventory	4.0
Snap Ring	No
Enclosure	2 Seals
Size (mm)	100x45x39.7
Width (mm)	39,7
Flush Ground	No
Mass bearing	1.25 kg
Weight / LBS	2.86
Contact Angle	30 Degree
Cage Material	Steel
Inch - Metric	Metric
D ₂	89.95 mm
d ₂	55.6 mm
Product Group	B00152
Keyword String	Angular Contact
Bearing number	3309 A-2RS1
Limiting speed	4800 r/min
Precision Class	ABEC 3 ISO P6
Rolling Element	Ball Bearing

Manufacturer URL	http://www.skf.com
Outside Diameter	3.937 Inch 100 Millimeter
Long Description	45MM Bore; 100MM Outside Diameter; 39.7MM Width; 2 Seals; No Flush Ground; Ball Bearing; Double Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap Ring
Manufacturer Name	SKF
Weight / Kilogram	1.321
r _a max.	1.5 mm
D _a max.	91 mm
d _a max.	91 mm
Bore Diameter (mm)	100
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
d _a min.	54 mm
Outer Diameter (mm)	45
d _a - max.	91 mm
Calculation factor e	0.8
r _{1,2} min.	1.5 mm
Calculation factor X	0.63
d _a - min.	54 mm
r _a - max.	1.5 mm
D _a - max.	91 mm
Minimum Buy Quantity	N/A
D ₂ ?	89.95 mm
d ₂ ?	55.6 mm
Calculation factor - X	0.63
Calculation factor - e	0.8
Harmonized Tariff Code	8482.10.50.28

$r_{1,2}$ - min.	1.5 mm
Number of Rows of Balls	Double Row
Manufacturer Item Number	5309 A-2RS1
Basic dynamic load rating C	75 kN
Basic dynamic load rating - C	75 kN
Maximum Capacity / Filling Slot	No
Calculation factor Y_0	0.66
Calculation factor Y_1	0.78
Calculation factor Y_2	1.24
Fatigue load limit P_u	2.24 kN
Calculation factor k_r	0.07
Calculation factor - Y_0	0.66
Calculation factor - k_r	0.07
Fatigue load limit - P_u	2.2 kN
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