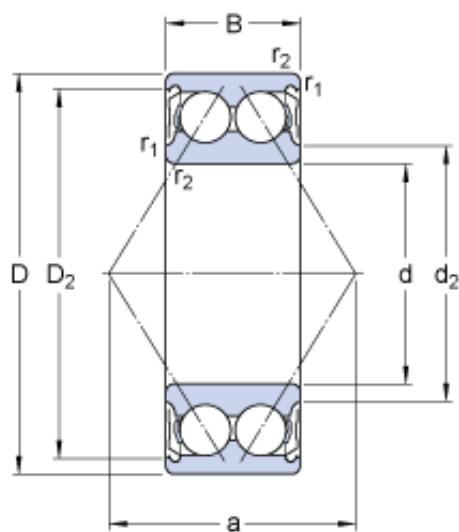




Bearing No. 3209 A-2Z

D	85 mm
d	45 mm
B	30.2 mm
a	46 mm
Bore	1.772 Inch 45 Millimeter
Noun	Bearing
Width	1.189 Inch 30.2 Millimeter
UNSPSC	31171531
Category	Angular Contact Ball Bearing
Inventory	0.0
Snap Ring	No
Enclosure	2 Metal Shields
Size (mm)	85x45x30.2
Width (mm)	30,2
Flush Ground	No
Mass bearing	0.63 kg
Weight / LBS	1.35
Contact Angle	30 Degree
Cage Material	Steel
Inch - Metric	Metric
D ₂	77.1 mm
d ₂	52.8 mm
Product Group	B00152
Keyword String	Angular Contact
Bearing number	3209 A-2Z
Limiting speed	7500 r/min
Rolling Element	Ball Bearing
Reference speed	7500 r/min

Precision Class	ABEC 3 ISO P6
Outside Diameter	3.346 Inch 85 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	45MM Bore; 85MM Outside Diameter; 30.2MM Width; 2 Metal Shields; No Flush Ground; Ball Bearing; Double Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap Ring
Manufacturer Name	SKF
Weight / Kilogram	0.674
Bore Diameter (mm)	85
d _a min.	52 mm
Number of Bearings	1 (Single)
Internal Clearance	C0-Medium
d _a max.	52.5 mm
D _a max.	78 mm
r _a max.	1 mm
Outer Diameter (mm)	45
d _a - max.	52.5 mm
Calculation factor X	0.63
r _{1,2} min.	1.1 mm
d _a - min.	52 mm
D _a - max.	78 mm
Minimum Buy Quantity	N/A
r _a - max.	1 mm
Calculation factor e	0.8
d ₂ ?	52.8 mm
D ₂ ?	77.1 mm
Calculation factor - X	0.63
r _{1,2} - min.	1.1 mm

Calculation factor - e	0.8
Harmonized Tariff Code	8482.10.50.28
Number of Rows of Balls	Double Row
Manufacturer Item Number	5209 A-2Z
Basic dynamic load rating C	51 kN
Basic dynamic load rating - C	51 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	1.63 kN
Calculation factor k_r	0.06
Calculation factor Y_0	0.66
Calculation factor Y_1	0.78
Calculation factor Y_2	1.24
Calculation factor - Y_2	1.24
Fatigue load limit - P_u	1.6 kN
Calculation factor - k_r	0.06
Calculation factor - Y_0	0.66
Calculation factor - Y_1	0.78
Basic static load rating C_0	39 kN
Basic static load rating - C_0	39 kN