



Bearing No. NUP 309 ECJ

D	100 mm
d	45 mm
B	25 mm
F	58.5 mm
Noun	Bearing
Bore	1.772 Inch 45 Millimeter
Width	0.984 Inch 25 Millimeter
UNSPSC	31171547
Profile	Complete with Outer and Inner Ring
Retainer	Yes
Category	Cylindrical Roller Bearing
Size (mm)	100x45x25
Separable	No
Snap Ring	No
Inventory	3.0
Width (mm)	25
Weight / LBS	2.108
Bore Profile	Straight
Mass bearing	0.93 kg
D ₁	83.2 mm
Product Group	B04144
Inch - Metric	Metric
d ₁	64.4 mm
Cage Material	Steel
Other Features	High Capacity 1 Rib Inner Ring with Side Plate 2 Rib Outer Ring Cage on Outer Ring ID

Relubricatable	Yes
Bearing number	NUP 309 ECJ
Limiting speed	8500 r/min
Precision Class	RBEC 1 ISO P0
Rolling Element	Cylindrical Roller Bearing
Reference speed	7500 r/min
Limiting value e	0.2
Manufacturer URL	http://www.skf.com
Outside Diameter	3.937 Inch 100 Millimeter
Long Description	45MM Bore; Straight Bore Profile; 100MM Outside Diameter; 25MM Width; Steel Cage Material; RBEC 1 ISO P0; Single Row; Not Separable; No Snap Ring; Relubricatable; C0-Medium Internal Clearance; Reta
Weight / Kilogram	0.957
Manufacturer Name	SKF
d _a min.	54 mm
D _a max.	91.4 mm
d _b min.	67 mm
Internal Clearance	C0-Medium
Bore Diameter (mm)	100
r _a max.	1.5 mm
Axial load factor Y	0.6
Outer Diameter (mm)	100
r _{3,4} min.	1.5 mm
d _a - min.	54 mm
r _{1,2} min.	1.5 mm
d _b - min.	67 mm
	91.4 mm

Da - max.

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r_a - max.	1.5 mm
Minimum Buy Quantity	N/A
d_1 ?	64.4 mm
D_1 ?	83.2 mm
$r_{1,2}$ - min.	1.5 mm
Harmonized Tariff Code	8482.50.00.00
$r_{3,4}$ - min.	1.5 mm
Manufacturer Item Number	NUP 309 ECJ
Number of Rows of Rollers	Single Row
Basic dynamic load rating C	112 kN
Basic dynamic load rating - C	112 kN
Fatigue load limit P_u	12.9 kN
Calculation factor k_f	0.15
Calculation factor - k_f	0.15
Fatigue load limit - P_u	12.9 kN
Basic static load rating C_0	100 kN
Basic static load rating - C_0	100 kN