



Bearing No. NU 2209 ECJ

D	85 mm
d	45 mm
B	23 mm
F	54.5 mm
s	1.7 mm
Bore	1.772 Inch   45 Millimeter
Noun	Bearing
Width	0.906 Inch   23 Millimeter
s max.	1.7 mm
UNSPSC	31171547
Profile	Complete with Outer and Inner Ring
Category	Cylindrical Roller Bearing
Retainer	Yes
Separable	Inner Ring - Both Sides
Size (mm)	85x45x23
Inventory	1.0
Snap Ring	No
Width (mm)	23
Bore Profile	Straight
Weight / LBS	1.235
Mass bearing	0.54 kg
Inch - Metric	Metric
Product Group	B04144
Cage Material	Steel
D <sub>1</sub>	72.4 mm
Other Features	High Capacity   Plain Inner Ring   2 Rib Outer Ring   Cage on Outer

	Ring ID
Relubricatable	Yes
Bearing number	NU 2209 ECJ
Limiting speed	9500 r/min
Rolling Element	Cylindrical Roller Bearing
Precision Class	RBEC 1   ISO P0
Reference speed	9000 r/min
Limiting value e	0.3
Outside Diameter	3.346 Inch   85 Millimeter
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Long Description	45MM Bore; Straight Bore Profile; 85MM Outside Diameter; 23MM Width; Steel Cage Material; RBEC 1   ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Inter
Weight / Kilogram	0.56
Manufacturer Name	SKF
$d_a$ max.	53 mm
$D_a$ max.	77.6 mm
$d_b$ min.	56 mm
Internal Clearance	C0-Medium
$r_a$ max.	1 mm
$d_a$ min.	52 mm
$r_b$ max.	1 mm
Bore Diameter (mm)	85
Outer Diameter (mm)	45
Axial load factor Y	0.4
$d_a$ - max.	53 mm
	56 mm

$d^b$  - min.

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$d_a$ - min.	52 mm
$D_a$ - max.	77.6 mm
$r_a$ - max.	1 mm
$r_b$ - max.	1 mm
Minimum Buy Quantity	N/A
$r_{1,2}$ min.	1.1 mm
$r_{3,4}$ min.	1.1 mm
$D_1$ ?	72.4 mm
Harmonized Tariff Code	8482.50.00.00
$r_{1,2}$ - min.	1.1 mm
$r_{3,4}$ - min.	1.1 mm
Manufacturer Item Number	NU 2209 ECJ
Number of Rows of Rollers	Single Row
Basic dynamic load rating C	85 kN
Basic dynamic load rating - C	85 kN
Fatigue load limit $P_u$	10.6 kN
Calculation factor $k_r$	0.2
Calculation factor - $k_r$	0.2
Fatigue load limit - $P_u$	10.6 kN
Basic static load rating $C_0$	81.5 kN
Basic static load rating - $C_0$	81.5 kN