



Bearing No. NJ 2209 ECJ

F	54.5 mm
d	45 mm
D	85 mm
B	23 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
Retainer	Yes
Category	Cylindrical Roller Bearing
Size (mm)	85x45x23
Separable	Inner Ring - One Side
Snap Ring	No
Inventory	0.0
Width (mm)	23
Weight / LBS	1.268
Bore Profile	Straight
Mass bearing	0.56 kg
D ₁	72.4 mm
Cage Material	Steel
Inch - Metric	Metric
d ₁	59 mm
Product Group	B04144
Bearing number	NJ 2209 ECJ

Other Features	High Capacity 1 Rib Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
Relubricatable	Yes
Limiting speed	9500 r/min
Precision Class	RBEC 1 ISO P0
Rolling Element	Cylindrical Roller Bearing
Reference speed	9000 r/min
Limiting value e	0.3
Outside Diameter	3.346 Inch 85 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	45MM Bore; Straight Bore Profile; 85MM Outside Diameter; 23MM Width; Steel Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - One Side Separable; No Snap Ring; Relubricatable; C0-Medium Interna
Weight / Kilogram	0.576
Manufacturer Name	SKF
d _a max.	53 mm
d _b min.	61 mm
d _a min.	52 mm
Internal Clearance	C0-Medium
Bore Diameter (mm)	85
D _a max.	77.6 mm
r _a max.	1 mm
Axial load factor Y	0.4
Outer Diameter (mm)	45
d _a - min.	52 mm

d_a - max.	53 mm
d_b - min.	61 mm
D_a - max.	77.6 mm
r_a - max.	1 mm
Minimum Buy Quantity	N/A
$r_{1,2}$ min.	1.1 mm
$r_{3,4}$ min.	1.1 mm
d_1 ?	59 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	NJ 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