



Bearing No. NUP 2209 ECP

B	23 mm
F	54.5 mm
d	45 mm
D	85 mm
Noun	Bearing
Bore	1.772 Inch 45 Millimeter
Width	0.906 Inch 23 Millimeter
UNSPSC	31171547
Profile	Complete with Outer and Inner Ring
series:	NUP22
flanges:	(4) Flanges, Two-Piece Inner Ring
Category	Cylindrical Roller Bearing
Retainer	Yes
Size (mm)	85x45x23
Snap Ring	No
Separable	No
Inventory	0.0
Width (mm)	23
bore type:	Straight
maximum rpm:	9500 RPM
Weight / LBS	1.261
Bore Profile	Straight
Mass bearing	0.55 kg
D ₁	72.4 mm
Product Group	B04144
d ₁	59 mm

Cage Material	Polymer
Inch - Metric	Metric
closure type:	Open
Bearing number	NUP 2209 ECP
cage material:	Polyamide
Limiting speed	9500 r/min
overall width:	23 mm
Other Features	High Capacity 1 Rib Inner Ring with Side Plate 2 Rib Outer Ring Cage on Outer Ring ID
Relubricatable	Yes
bore diameter:	45 mm
fillet radius:	1 mm
finish/coating:	Uncoated
Rolling Element	Cylindrical Roller Bearing
Precision Class	RBEC 1 ISO P0
Reference speed	9000 r/min
number of rows:	1
Outside Diameter	3.346 Inch 85 Millimeter
ring separation:	Separable Ring
Long Description	45MM Bore; Straight Bore Profile; 85MM Outside Diameter; 23MM Width; Polymer Cage Material; RBEC 1 ISO P0; Single Row; Not Separable; No Snap Ring; Relubricatable; C0-Medium Internal Clearance; Ret
Manufacturer URL	http://www.skf.com
Limiting value e	0.3
bearing material:	Steel

outer ring width:	23 mm
outside diameter:	85 mm
precision rating:	Not Rated
Manufacturer Name	SKF
Weight / Kilogram	0.572
Bore Diameter (mm)	85
r _a max.	1 mm
d _a min.	52 mm
d _b min.	61 mm
D _a max.	77.6 mm
Internal Clearance	C0-Medium
Outer Diameter (mm)	45
internal clearance:	C0
Axial load factor Y	0.4
r _a - max.	1 mm
D _a - max.	77.6 mm
d _b - min.	61 mm
d _a - min.	52 mm
r _{3,4} min.	1.1 mm
r _{1,2} min.	1.1 mm
Minimum Buy Quantity	N/A
d ₁ ?	59 mm
static load capacity:	81.5 kN
D ₁ ?	72.4 mm
r _{1,2} - min.	1.1 mm
dynamic load capacity:	85 kN
r _{3,4} - min.	1.1 mm
Harmonized Tariff Code	8482.50.00.00
Manufacturer Item Number	NUP 2209 ECP
Number of Rows of Rollers	Single Row
Basic dynamic load	85 kN

rating C	
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	85 kN
Fatigue load limit P_u	10.6 kN
Calculation factor k_f	0.2
Fatigue load limit - P_u	10.6 kN
Calculation factor - k_f	0.2
Basic static load rating C_0	81.5 kN
Basic static load rating - C_0	81.5 kN