



Bearing No. NU 2209 ECP

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
series:	NU22
Profile	Complete with Outer and Inner Ring
flanges:	(2) Outer Ring
Retainer	Yes
Category	Cylindrical Roller Bearing
Size (mm)	85x45x23
Snap Ring	No
Inventory	0.0
Separable	Inner Ring - Both Sides
bore type:	Straight
Width (mm)	23
Bore Profile	Straight
Mass bearing	0.52 kg
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools
Weight / LBS	1.197
maximum rpm:	9500 RPM

closure type:	Open
Inch - Metric	Metric
Product Group	B04144
Cage Material	Polymer
D ₁	72.4 mm
bore diameter:	45 mm
overall width:	23 mm
cage material:	Polyamide
Other Features	High Capacity Plain Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
Relubricatable	Yes
fillet radius:	1 mm
Bearing number	NU 2209 ECP
Limiting speed	9500 r/min
Rolling Element	Cylindrical Roller Bearing
number of rows:	1
Precision Class	RBEC 1 ISO P0
finish/coating:	Uncoated
Reference speed	9000 r/min
Outside Diameter	3.346 Inch 85 Millimeter
Limiting value e	0.3
Long Description	45MM Bore; Straight Bore Profile; 85MM Outside Diameter; 23MM Width; Polymer Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Int
Manufacturer URL	http://www.skf.com

ring separation:	Separable Ring
bearing material:	Steel
outside diameter:	85 mm
precision rating:	RBEC 1 (ISO Class Normal)
outer ring width:	23 mm
Weight / Kilogram	0.543
Manufacturer Name	SKF
D _a max.	77.6 mm
d _a max.	53 mm
r _a max.	1 mm
r _b max.	1 mm
d _a min.	52 mm
Bore Diameter (mm)	85
Internal Clearance	C0-Medium
d _b min.	56 mm
Outer Diameter (mm)	45
Axial load factor Y	0.4
internal clearance:	C0
r _{3,4} min.	1.1 mm
r _{1,2} min.	1.1 mm
d _a - min.	52 mm
r _a - max.	1 mm
Minimum Buy Quantity	N/A
r _b - max.	1 mm
d _a - max.	53 mm
d _b - min.	56 mm
D _a - max.	77.6 mm
static load capacity:	81.5 kN
D ₁ ?	72.4 mm
r _{3,4} - min.	1.1 mm
Harmonized Tariff Code	8482.50.00.00
	1.1 mm

r^{1,2} - min.

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dynamic load capacity:	85 kN
Manufacturer Item Number	NU 2209 ECP
Number of Rows of Rollers	Single Row
Basic dynamic load rating C	85 kN
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_r	0.2
Fatigue load limit - P_u	10.6 kN
Calculation factor - k_r	0.2
Basic static load rating C_0	81.5 kN
Basic static load rating - C_0	81.5 kN