



Bearing No. NJ 2208 ECP

F	49.5 mm
s	1.9 mm
d	40 mm
D	80 mm
B	23 mm
Noun	Bearing
Bore	1.575 Inch 40 Millimeter
Width	0.906 Inch 23 Millimeter
s max.	1.9 mm
UNSPSC	31171547
Profile	Complete with Outer and Inner Ring
series:	NJ22
flanges:	(2) Outer Ring, (1) Inner Ring
Retainer	Yes
Category	Cylindrical Roller Bearing
Separable	Inner Ring - One Side
Size (mm)	80x40x23
Inventory	0.0
Snap Ring	No
Width (mm)	23
bore type:	Straight
Bore Profile	Straight
Mass bearing	0.5 kg
Weight / LBS	1.138
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools

maximum rpm:	11000 RPM
closure type:	Open
Product Group	B04144
Cage Material	Polymer
Inch - Metric	Metric
D ₁	67.4 mm
d ₁	54 mm
bore diameter:	40 mm
overall width:	23 mm
cage material:	Polyamide
Other Features	High Capacity 1 Rib Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
fillet radius:	1 mm
Relubricatable	Yes
Bearing number	NJ 2208 ECP
Limiting speed	11000 r/min
Rolling Element	Cylindrical Roller Bearing
Precision Class	RBEC 1 ISO P0
number of rows:	1
finish/coating:	Uncoated
Reference speed	9500 r/min
Outside Diameter	3.15 Inch 80 Millimeter
ring separation:	Separable Ring
Long Description	40MM Bore; Straight Bore Profile; 80MM Outside Diameter; 23MM Width; Polymer Cage Matetrial; RBEC 1 ISO P0; Single Row; Inner Ring - One Side Separable; No Snap Ring; Relubricatable; C0-Medium Inter

Limiting value e	0.3
Manufacturer URL	http://www.skf.com
bearing material:	Steel
outside diameter:	80 mm
precision rating:	RBEC 1 (ISO Class Normal)
outer ring width:	23 mm
Weight / Kilogram	0.517
Manufacturer Name	SKF
d _a max.	48 mm
d _b min.	56 mm
D _a max.	72.8 mm
d _a min.	47 mm
Bore Diameter (mm)	80
r _a max.	1 mm
Internal Clearance	C0-Medium
Outer Diameter (mm)	40
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.	47 mm
D _a - max.	72.8 mm
Minimum Buy Quantity	N/A
r _a - max.	1 mm
d _a - max.	48 mm
d _b - min.	56 mm
static load capacity:	75 kN
d ₁ ?	54 mm
D ₁ ?	67.4 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:	81.5 kN
Manufacturer Item Number	NJ 2208 ECP
Number of Rows of Rollers	Single Row
Basic dynamic load rating C	81.5 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	81.5 kN
Fatigue load limit P_u	9.65 kN
Calculation factor k_r	0.2
Fatigue load limit - P_u	9.6 kN
Calculation factor - k_r	0.2
Basic static load rating C_0	75 kN
Basic static load rating - C_0	75 kN