



**Bearing No. NUP 2208 ECP**

F	49.5 mm
D	80 mm
B	23 mm
d	40 mm
Noun	Bearing
Bore	1.575 Inch   40 Millimeter
Width	0.906 Inch   23 Millimeter
UNSPSC	31171547
series:	NUP22
Profile	Complete with Outer and Inner Ring
Retainer	Yes
flanges:	(4) Flanges, Two-Piece Inner Ring
Category	Cylindrical Roller Bearing
Separable	No
Size (mm)	80x40x23
Inventory	0.0
Snap Ring	No
Width (mm)	23
bore type:	Straight
Bore Profile	Straight
Mass bearing	0.51 kg
Weight / LBS	1.166
maximum rpm:	11000 RPM
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools
closure type:	Open

Product Group	B04144
D <sub>1</sub>	67.4 mm
Cage Material	Polymer
Inch - Metric	Metric
d <sub>1</sub>	54 mm
overall width:	23 mm
cage material:	Polyamide
Other Features	High Capacity   1 Rib Inner Ring with Side Plate   2 Rib Outer Ring   Cage on Outer Ring ID
Relubricatable	Yes
fillet radius:	1 mm
bore diameter:	40 mm
Bearing number	NUP 2208 ECP
Limiting speed	11000 r/min
finish/coating:	Uncoated
Reference speed	9500 r/min
number of rows:	1
Rolling Element	Cylindrical Roller Bearing
Precision Class	RBEC 1   ISO P0
ring separation:	Separable Ring
Long Description	40MM Bore; Straight Bore Profile; 80MM Outside Diameter; 23MM Width; Polymer Cage Material; RBEC 1   ISO P0; Single Row; Not Separable; No Snap Ring; Relubricatable; C0-Medium Internal Clearance; Ret
Limiting value e	0.3
Outside Diameter	3.15 Inch   80 Millimeter
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>

Manufacturer Name	SKF
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	80 mm
outer ring width:	23 mm
bearing material:	Steel
Weight / Kilogram	0.529
d <sub>b</sub> min.	56 mm
D <sub>a</sub> max.	72.8 mm
d <sub>a</sub> min.	47 mm
Bore Diameter (mm)	80
r <sub>a</sub> max.	1 mm
Internal Clearance	C0-Medium
Axial load factor Y	0.4
internal clearance:	C0
Outer Diameter (mm)	40
d <sub>a</sub> - min.	47 mm
D <sub>a</sub> - max.	72.8 mm
Minimum Buy Quantity	N/A
r <sub>a</sub> - max.	1 mm
r <sub>3,4</sub> min.	1.1 mm
r <sub>1,2</sub> min.	1.1 mm
d <sub>b</sub> - min.	56 mm
d <sub>1</sub> ?	54 mm
D <sub>1</sub> ?	67.4 mm
static load capacity:	75 kN
dynamic load capacity:	81.5 kN
r <sub>1,2</sub> - min.	1.1 mm
r <sub>3,4</sub> - min.	1.1 mm
Harmonized Tariff Code	8482.50.00.00
Manufacturer Item Number	NUP 2208 ECP
Number of Rows of	Single Row

Rollers	
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