

# NSK NUP207EM cylindrical roller bearings

NSK NUP207EM cylindrical roller bearings with easy-to-use parts graphics, giving you the 130x75x31 Size (mm) ability to check parts availability, pricing, examine remanufactured options.

Size (mm)	130x75x31
Bore Diameter (mm)	130
Outer Diameter (mm)	75
Width (mm)	31
d	75 mm
D	130 mm
B	31 mm
d1	94.3 mm
D1	113.2 mm
F	88.5 mm
r1,2 – min.	1.5 mm
r3,4 – min.	1.5 mm
s	1.7 mm
da – min.	84 mm
da – max.	86 mm
db – min.	97 mm
Da – max.	121.5 mm
ra – max.	1.5 mm
Basic dynamic load rating – C	186 kN
Basic static load rating – C0	208 kN
Fatigue load limit – Pu	27 kN

Reference speed	5600 r/min
Limiting speed	6000 r/min
Calculation factor – kr	0.2
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.661
EAN	7316577028242
Product Group	B04144
Bore Profile	Straight
Cage Material	Polymer
Precision Class	RBEC 1   ISO P0
Number of Rows of Rollers	Single Row
Separable	Inner Ring – One Side
Rolling Element	Cylindrical Roller Bearing
Profile	Complete with Outer and Inner Ring
Snap Ring	No
Internal Clearance	C0-Medium
Retainer	Yes
Relubricatable	Yes
Inch – Metric	Metric
Other Features	High Capacity   1 Rib Inner Ring   2 Rib Outer Ring   Cage on Outer Ring ID
Long Description	75MM Bore; Straight Bore Profile; 130MM Outside Diameter; 31MM Width; Polymer Cage Material; RBEC 1
UNSPSC	31171547

Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer Item Number	NJ 2215 ECP
Weight / LBS	3.658
Bore	2.953 Inch   75 Millimeter
Outside Diameter	5.118 Inch   130 Millimeter
Width	1.22 Inch   31 Millimeter
bore diameter:	75 mm
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	130 mm
maximum rpm:	6000 RPM
overall width:	31 mm
bearing material:	Steel
flanges:	(2) Outer Ring, (1) Inner Ring
cage material:	Polyamide
bore type:	Straight
finish/coating:	Uncoated
number of rows:	1
closure type:	Open
internal clearance:	C0
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools
ring separation:	Separable Ring
outer ring width:	31 mm
operating temperature range:	Maximum of +300 °F
fillet radius:	1.5 mm
dynamic load capacity:	186 kN
series:	NJ22
static load capacity:	208 kN

d1 ≈	94.3 mm
D1 ≈	113.2 mm
r1,2 min.	1.5 mm
r3,4 min.	1.5 mm
s max.	1.7 mm
da min.	84 mm
da max.	86 mm
db min.	97 mm
Da max.	121.5 mm
ra max.	1.5 mm
Basic dynamic load rating C	186 kN
Basic static load rating C0	208 kN
Fatigue load limit Pu	27 kN
Calculation factor kr	0.2
Limiting value e	0.3
Axial load factor Y	0.4
Mass bearing	1.62 kg