

# NSK 130RNP2001 cylindrical roller bearings

NSK 130RNP2001 cylindrical roller bearings with easy-to-use parts graphics, giving you the ability to check parts availability, 105 Outer Diameter (mm) pricing, examine 190x105x36 Size (mm) remanufactured 190 Bore Diameter (mm) options.

Size (mm)	190x105x36
Bore Diameter (mm)	190
Outer Diameter (mm)	105
Width (mm)	36
d	105 mm
D	190 mm
B	36 mm
d1	134 mm
E	173 mm
r1,2 – min.	2.1 mm
r3,4 – min.	2.1 mm
s	2 mm
da – min.	117 mm
da – max.	170 mm
Da – min.	176 mm
Da – max.	178 mm
ra – max.	2 mm
rb – max.	2 mm
Basic dynamic load rating – C	300 kN
Basic static load rating – C0	315 kN

Fatigue load limit – Pu	36.5 kN
Reference speed	3800 r/min
Limiting speed	4300 r/min
Calculation factor – kr	0.12
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	3.96
EAN	7316577313195
Product Group	B04144
Bore Profile	Straight
Cage Material	Polymer
Precision Class	RBEC 1   ISO P0
Number of Rows of Rollers	Single Row
Separable	Outer Ring – Both Sides
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   2 Rib Inner Ring   Plain Outer Ring   Cage on Inner Ring OD
Long Description	105MM Bore; Straight Bore Profile; 190MM Outside Diameter; 36MM Width; Polymer Cage Matetrial; RBEC

UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer Item Number	N 221 ECP
Weight / LBS	8.722
Outside Diameter	7.48 Inch   190 Millimeter
Width	1.417 Inch   36 Millimeter
Bore	4.134 Inch   105 Millimeter
bore diameter:	105 mm
static load capacity:	315 kN
outside diameter:	190 mm
precision rating:	Not Rated
overall width:	36 mm
maximum rpm:	4300 RPM
flanges:	(2) Inner Ring
bearing material:	Steel
bore type:	Straight
cage material:	Polyamide
number of rows:	1
finish/coating:	Uncoated
internal clearance:	C0
closure type:	Open
ring separation:	Separable Ring
outer ring width:	36 mm
operating temperature range:	Maximum of +300 °F
fillet radius:	2 mm
dynamic load capacity:	300 kN
series:	N2
d1 ≈	134 mm

r <sub>1,2</sub> min.	2.1 mm
r <sub>3,4</sub> min.	2.1 mm
s max.	2 mm
d <sub>a</sub> min.	117 mm
d <sub>a</sub> max.	170 mm
D <sub>a</sub> min.	176 mm
D <sub>a</sub> max.	178 mm
r <sub>a</sub> max.	2 mm
r <sub>b</sub> max.	2 mm
Basic dynamic load rating C	300 kN
Basic static load rating C <sub>0</sub>	315 kN
Fatigue load limit P <sub>u</sub>	36.5 kN
Calculation factor k <sub>r</sub>	0.12
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	3.88 kg