



# KOYO BEARING LIMITED



NU 1024 ML Bearing 2D drawings and 3D CAD models

## 120 mm x 180 mm x 28 mm SKF NU 1024 ML Cylindrical Roller Bearings

Bearing No. NU 1024 ML

Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	2.594
EAN	7316577728807
Product Group	B04144
Bore Profile	Straight
Cage Material	Brass
Precision Class	RBEC 1   ISO P0
Number of Rows of Rollers	Single Row
Separable	Inner 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	Plain Inner Ring   2 Rib Outer Ring   Cage on Outer Ring ID
Long Description	120MM Bore; Straight Bore Profile; 180MM Outside Diameter; 28MM Width; Brass Cage Material; RBEC 1   ISO P0; Single Row;



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	Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Int
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	NU 1024 ML
Weight / LBS	5.714
D	7.087 Inch   180 Millimeter
B	1.102 Inch   28 Millimeter
d	4.724 Inch   120 Millimeter
bore diameter:	120 mm
static load capacity:	183 kN
outside diameter:	180 mm
precision rating:	Not Rated
overall width:	28 mm
maximum rpm:	6300 RPM
flanges:	(2) Outer Ring
cage material:	Brass
bore type:	Straight
finish/coating:	Uncoated
number of rows:	1
closure type:	Open
internal clearance:	C0
outer ring width:	28 mm
ring separation:	Separable Ring
fillet radius:	2 mm
operating temperature range:	Maximum of +300 ° F
series:	NU10



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dynamic load capacity:	134 kN
d	120 mm
D	180 mm
B	28 mm
D <sub>1</sub>	159.7 mm
F	135 mm
r <sub>1,2</sub> min.	2 mm
r <sub>3,4</sub> min.	1.1 mm
s max.	3.8 mm
d <sub>a</sub> min.	126 mm
d <sub>a</sub> max.	133 mm
d <sub>b</sub> min.	138 mm
D <sub>a</sub> max.	171 mm
r <sub>a</sub> max.	2 mm
r <sub>b</sub> max.	1 mm
Basic dynamic load rating C	134 kN
Basic static load rating C <sub>0</sub>	183 kN
Fatigue load limit P <sub>u</sub>	20.8 kN
Reference speed	4000 r/min
Limiting speed	6300 r/min
Calculation factor k <sub>r</sub>	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	2.53 kg