

# NACHI 22322EXK cylindrical roller bearings

NACHI 22322EXK cylindrical roller bearings, Units and Housings 225x105x49 Size (mm) 105 Outer Diameter (mm) CAD models , Manufacturing Service . Get Your Free.

Size (mm)	225x105x49
Bore Diameter (mm)	225
Outer Diameter (mm)	105
Width (mm)	49
d	105 mm
D	225 mm
B	49 mm
D1	189 mm
F	133 mm
r1,2 – min.	3 mm
r3,4 – min.	3 mm
s	3.4 mm
da – min.	119 mm
da – max.	129 mm
db – min.	136 mm
Da – max.	209.4 mm
ra – max.	2.5 mm
rb – max.	2.5 mm
Basic dynamic load rating – C	500 kN
Basic static load rating – C0	500 kN
Fatigue load limit – Pu	57 kN
Reference speed	3200 r/min

Limiting speed	3800 r/min
Calculation factor – kr	0.15
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	8.71
EAN	7316570634013
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 – 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   Plain Inner Ring   2 Rib Outer Ring   Cage on Outer Ring ID
Long Description	105MM Bore; Straight Bore Profile; 225MM Outside Diameter; 49MM Width; Polymer Cage Material; RBEC
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00

Noun	Bearing
Manufacturer Item Number	NU 321 ECP
Weight / LBS	19.18
Width	1.929 Inch   49 Millimeter
Bore	4.134 Inch   105 Millimeter
Outside Diameter	8.858 Inch   225 Millimeter
bore diameter:	105 mm
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	225 mm
maximum rpm:	3800 RPM
overall width:	49 mm
bearing material:	Steel
flanges:	(2) Outer 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:	49 mm
operating temperature range:	Maximum of +300 °F
fillet radius:	2.5 mm
dynamic load capacity:	500 kN
series:	NU3
static load capacity:	500 kN
D1 ≈	189 mm

r <sub>1,2</sub> min.	3 mm
r <sub>3,4</sub> min.	3 mm
s max.	3.4 mm
d <sub>a</sub> min.	119 mm
d <sub>a</sub> max.	129 mm
d <sub>b</sub> min.	136 mm
D <sub>a</sub> max.	209.4 mm
r <sub>a</sub> max.	2.5 mm
r <sub>b</sub> max.	2.5 mm
Basic dynamic load rating C	500 kN
Basic static load rating C <sub>0</sub>	500 kN
Fatigue load limit P <sub>u</sub>	57 kN
Calculation factor k <sub>r</sub>	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	8.5 kg