

NKX12-Z INA Ca 10300 N / Dynamic load rating (axial) 12x21x23mm Complex bearings

Category	Thrust Roller Bearing
BDI Inventory	7.0
Manufacturer Name	SCHAEFFLER GROUP
Minimum Buy Quantity	N/A
Weight / Kilogram	0.5
EAN	4012802702934
Product Group – BDI	B04144
Rolling Element	Combination – Needle Roller and Thrust Ball Bearing
Self Aligning	No
Component Description	Roller Assembly plus Raceways
Thrust Bearing	Yes
Single or Double Direction	Single Direction
Banded	No
Cage Material	Steel
Precision Class	ABEC 1 ISO P0
Other Features	With Grease Retaining Cap
Long Description	12MM Bore 1; 12MM Bore 2; 21MM Outside Diameter; 23MM Height; Combination – Needle Roller and Thrust Ball Bearing; Single Direction; Not Self Aligning; Not Banded; Steel Cage; ABEC 1 ISO P0; Roller Assembly plus Raceways
Inch – Metric	Metric

Category – BDI	Thrust Roller Bearings
UNSPSC	31171537
Harmonized Tariff Code	8482.80.00.40
Noun	Bearing
Keyword String	Combination
Manufacturer URL	http://www.ina.com
Manufacturer Item Number	NKX12Z
Weight / LBS	0.084
Bore 1	0.472 Inch 12 Millimeter
Bore 2	0.472 Inch 12 Millimeter
Outside Diameter	0.827 Inch 21 Millimeter
Height	0.906 Inch 23 Millimeter
Overall Height with Aligning Washer	0 Inch 0 Millimeter
Bearing number	NKX12-Z
Size (mm)	12x21x23
Brand	INA
Bore Diameter (mm)	12
Outer Diameter (mm)	21
Width (mm)	23
F_w	12 mm
D	21 mm
C – 23 mm / Tolerance: -0,25	23 mm / Tolerance: 0.25
C_1 – 9 mm / Tolerance: -0,2	9 mm / Tolerance: 0.2
C_2	6.5 mm
$D_{2 \max}$	27.2 mm

d_a	21.7 mm
d_w	12 mm / Tolerance: E8
$r_{a \max}$	0.3 mm
r_{\min}	0.3 mm
	NAXK12Z / Designation to DIN 5429
m	40 g / Weight
C_r	10100 N / Dynamic load rating (radial)
C_{0r}	11000 N / Static load rating (radial)
C_a	10300 N / Dynamic load rating (axial)
C_{0a}	15400 N / Static load rating (axial)
C_{ur}	1920 N / Fatigue limit load. radial
C_{ua}	740 N / Fatigue limit load. axial
n_G	11000 1/min / Limiting speed
	IR9X12X16 / Suitable inner ring