

# NKX40-Z INA Outside Diameter 2.047 Inch | 52 Millimeter 40x52x32mm Complex bearings

Category	Thrust Roller Bearing
BDI Inventory	1.0
Manufacturer Name	SCHAEFFLER GROUP
Minimum Buy Quantity	N/A
Weight / Kilogram	0
EAN	4012802060300
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	40MM Bore 1; 40MM Bore 2; 52MM Outside Diameter; 32MM 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	<a href="http://www.ina.com">http://www.ina.com</a>
Manufacturer Item Number	NKX40Z
Weight / LBS	0.441
Bore 2	1.575 Inch   40 Millimeter
Bore 1	1.575 Inch   40 Millimeter
Overall Height with Aligning Washer	0 Inch   0 Millimeter
Outside Diameter	2.047 Inch   52 Millimeter
Height	1.26 Inch   32 Millimeter
Bearing number	NKX40-Z
Size (mm)	40x52x32
Brand	INA
Bore Diameter (mm)	40
Outer Diameter (mm)	52
Width (mm)	32
$F_w$	40 mm
D	52 mm
C – 32 mm / Tolerance: -0,25	32 mm / Tolerance: 0.25
$C_1$ – 13 mm / Tolerance: -0,2	13 mm / Tolerance: 0.2
$C_2$	10 mm
$D_{2 \max}$	61.2 mm

$d_a$	55.7 mm
$d_w$	40 mm / Tolerance: E8
$r_{a \max}$	0.6 mm
$r_{\min}$	0.6 mm
	NAXK40Z / Designation to DIN 5429
$m$	208 g / Weight
$C_r$	29500 N / Dynamic load rating (radial)
$C_{0r}$	47000 N / Static load rating (radial)
$C_a$	27000 N / Dynamic load rating (axial)
$C_{0a}$	63000 N / Static load rating (axial)
$C_{ur}$	8300 N / Fatigue limit load. radial
$C_{ua}$	3000 N / Fatigue limit load. axial
$n_G$	4000 1/min / Limiting speed
	IR35X40X20 / Suitable inner ring