

# NKX50-Z INA 50x62x35mm ra max 0.6 mm Complex bearings

Category	Thrust Roller Bearing
BDI Inventory	5.0
Manufacturer Name	SCHAEFFLER GROUP
Minimum Buy Quantity	N/A
Weight / Kilogram	0
EAN	4012802060324
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	50MM Bore 1; 50MM Bore 2; 62MM Outside Diameter; 35MM 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	NKX50Z
Weight / LBS	0.617
Outside Diameter	2.441 Inch   62 Millimeter
Overall Height with Aligning Washer	0 Inch   0 Millimeter
Bore 1	1.969 Inch   50 Millimeter
Bore 2	1.969 Inch   50 Millimeter
Height	1.378 Inch   35 Millimeter
Bearing number	NKX50-Z
Size (mm)	50x62x35
Brand	INA
Bore Diameter (mm)	50
Outer Diameter (mm)	62
Width (mm)	35
$F_w$	50 mm
D	62 mm
C – 35 mm / Tolerance: -0,25	35 mm / Tolerance: 0.25
$C_1$ – 14 mm / Tolerance: -0,2	14 mm / Tolerance: 0.2
$C_2$	10 mm
$D_{2 \max}$	71.5 mm
$d_a$	65.5 mm

$d_w$	50 mm / Tolerance: E8
$r_{a \max}$	0.6 mm
$r_{\min}$	0.6 mm
	NAXK50Z / Designation to DIN 5429
$m$	300 g / Weight
$C_r$	43000 N / Dynamic load rating (radial)
$C_{0r}$	74000 N / Static load rating (radial)
$C_a$	29000 N / Dynamic load rating (axial)
$C_{0a}$	75000 N / Static load rating (axial)
$C_{ur}$	12700 N / Fatigue limit load. radial
$C_{ua}$	3650 N / Fatigue limit load. axial
$n_G$	3300 1/min / Limiting speed
	IR45X50X25 / Suitable inner ring