



Bearing No. NKX50-Z

	IR45X50X25 / Suitable inner ring
m	300 g / Weight
D	62 mm
Noun	Bearing
UNSPSC	31171537
Banded	No
Height	1.378 Inch   35 Millimeter
Bore 2	1.969 Inch   50 Millimeter
Bore 1	1.969 Inch   50 Millimeter
Category	Thrust Roller Bearings
Size (mm)	50x62x35
Inventory	5.0
Width (mm)	35
Weight / LBS	0.617
$C_a$	29000 N / Dynamic load rating (axial)
$n_G$	3300 1/min / Limiting speed
Cage Material	Steel
Inch - Metric	Metric
$C_r$	43000 N / Dynamic load rating (radial)
Product Group	B04144
$d_w$	50 mm / Tolerance: E8
$d_a$	65,5 mm
$C_2$	10 mm
$F_w$	50 mm

Self Aligning	No
Other Features	With Grease Retaining Cap
Thrust Bearing	Yes
Keyword String	Combination
Bearing number	NKX50-Z
$C_{ur}$	12700 N / Fatigue limit load, radial
$C_{ua}$	3650 N / Fatigue limit load, axial
$C_{0a}$	75000 N / Static load rating (axial)
$C_{0r}$	74000 N / Static load rating (radial)
Rolling Element	Combination - Needle Roller and Thrust Ball Bearing
Precision Class	ABEC 1   ISO P0
$r_{min}$	0,6 mm
Outside Diameter	2.441 Inch   62 Millimeter
Manufacturer URL	<a href="http://www.ina.com">http://www.ina.com</a>
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
Weight / Kilogram	0
$D_{2\ max}$	71,5 mm
$r_{a\ max}$	0,6 mm
Manufacturer Name	SCHAEFFLER GROUP
Bore Diameter (mm)	50

Outer Diameter (mm)	62
Minimum Buy Quantity	N/A
Component Description	Roller Assembly plus Raceways
Harmonized Tariff Code	8482.80.00.40
Manufacturer Item Number	NKX50Z
Single or Double Direction	Single Direction
C - 35 mm / Tolerance: -0,25	35 mm / Tolerance: 0,25
Overall Height with Aligning Washer	0 Inch   0 Millimeter
C <sub>1</sub> - 14 mm / Tolerance: -0,2	14 mm / Tolerance: 0,2