

# NKX30-Z INA 30x42x30mm nG 5000 1/min / Limiting speed Complex bearings

Bearing number	NKX30-Z
Size (mm)	30x42x30
Brand	INA
Bore Diameter (mm)	30
Outer Diameter (mm)	42
Width (mm)	30
$F_w$	30 mm
D	42 mm
C – 30 mm / Tolerance: -0,25	30 mm / Tolerance: 0.25
$C_1$ – 11 mm / Tolerance: -0,2	11 mm / Tolerance: 0.2
$C_2$	9.5 mm
$D_{2 \max}$	48.2 mm
$d_a$	42.7 mm
$d_w$	30 mm / Tolerance: E8
$r_{a \max}$	0.6 mm
$r_{\min}$	0.6 mm
	NAXK30Z / Designation to DIN 5429
m	148 g / Weight
$C_r$	25500 N / Dynamic load rating (radial)
$C_{0r}$	36000 N / Static load rating (radial)

$C_a$	20400 N / Dynamic load rating (axial)
$C_{0a}$	42000 N / Static load rating (axial)
$C_{ur}$	6300 N / Fatigue limit load. radial
$C_{ua}$	2030 N / Fatigue limit load. axial
$n_G$	5000 1/min / Limiting speed
	IR25X30X20 / Suitable inner ring
Category	Thrust Roller Bearing
BDI Inventory	0.0
Manufacturer Name	SCHAEFFLER GROUP
Minimum Buy Quantity	N/A
Weight / Kilogram	0.177
EAN	4054364929121
Product Group – BDI	B00234
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	30MM Bore 1; 30MM Bore 2; 42MM Outside Diameter; 30MM 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	NKX30Z
Weight / LBS	0.311
Bore 1	1.181 Inch   30 Millimeter
Outside Diameter	1.654 Inch   42 Millimeter
Bore 2	1.181 Inch   30 Millimeter
Overall Height with Aligning Washer	0 Inch   0 Millimeter
Height	1.181 Inch   30 Millimeter