



**Bearing No. NKX35**

	IR30X35X20 / Suitable inner ring
D	47 mm
m	163 g / Weight
Noun	Bearing
Bore 2	1.378 Inch   35 Millimeter
Banded	No
UNSPSC	31171537
Bore 1	1.378 Inch   35 Millimeter
Height	1.181 Inch   30 Millimeter
Category	Thrust Roller Bearings
Size (mm)	35x47x30
Inventory	7.0
Width (mm)	30
Weight / LBS	0.359
Inch - Metric	Metric
Product Group	B00234
$d_w$	35 mm / Tolerance: E8
Cage Material	Steel
$C_a$	21200 N / Dynamic load rating (axial)
$d_a$	47,7 mm
Self Aligning	No
$n_G$	4600 1/min / Limiting speed
$F_w$	35 mm
$C_2$	9 mm
$C_r$	27500 N / Dynamic load

	rating (radial)
Keyword String	Combination
Thrust Bearing	Yes
Bearing number	NKX35
$C_{ua}$	2270 N / Fatigue limit load, axial
$C_{ur}$	7300 N / Fatigue limit load, radial
$C_{0a}$	47000 N / Static load rating (axial)
$C_{0r}$	41500 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	1.85 Inch   47 Millimeter
Manufacturer URL	<a href="http://www.ina.com">http://www.ina.com</a>
Long Description	35MM Bore 1; 35MM Bore 2; 47MM 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
Weight / Kilogram	0.16
$D_{1\ max}$	52,1 mm
$r_{a\ max}$	0,6 mm
Manufacturer Name	SCHAEFFLER GROUP
Bore Diameter (mm)	35
Outer Diameter (mm)	47
Minimum Buy Quantity	N/A

Component Description	Roller Assembly plus Raceways
Harmonized Tariff Code	8482.80.00.40
Manufacturer Item Number	NKX35
Single or Double Direction	Single Direction
C - 30 mm / Tolerance: -0,25	30 mm / Tolerance: 0,25
Overall Height with Aligning Washer	0 Inch   0 Millimeter
C <sub>1</sub> - 12 mm / Tolerance: -0,2	12 mm / Tolerance: 0,2