

# NKXR35 INA Long Description

35MM Bore 1; 35MM Bore 2;  
 47MM Outside Diameter; 30MM  
 Height; Combination – Needle  
 Roller and Thrust Roller  
 Bearing; Single Direction;  
 Not Self Aligning; Not  
 Banded; Steel Cage; ABEC 1 |  
 ISO P0; Roller Assembly plus  
 Raceways 35x47x30mm Complex  
 bearings

Bearing number	NKXR35
Size (mm)	35x47x30
Brand	INA
Bore Diameter (mm)	35
Outer Diameter (mm)	47
Width (mm)	30
$F_w$	35 mm
D	47 mm
C – 30 mm / Tolerance: -0,25	30 mm / Tolerance: 0.25
$C_1$ – 12 mm / Tolerance: -0,2	12 mm / Tolerance: 0.2

$C_2$	9 mm
$D_{1 \max}$	52.1 mm
$d_a$	47.7 mm
$d_w$	35 mm / Tolerance: E8
$r_{a \max}$	0.6 mm
$r_{\min}$	0.6 mm
	NAXR35 / Designation to DIN 5429
m	157 g / Weight
$C_r$	27500 N / Dynamic load rating (radial)
$C_{0r}$	41500 N / Static load rating (radial)
$C_a$	39000 N / Dynamic load rating (axial)
$C_{0a}$	101000 N / Static load rating (axial)
$C_{ur}$	7300 N / Fatigue limit load. radial
$C_{ua}$	9500 N / Fatigue limit load. axial
$n_G$	6500 1/min / Limiting speed
$n_B$	2500 1/min / Reference speed
	IR30X35X20 / Suitable inner ring
Category	Thrust Roller Bearing
BDI Inventory	0.0
Manufacturer Name	SCHAEFFLER GROUP
Minimum Buy Quantity	N/A
Weight / Kilogram	0.16
EAN	4012802060454
Product Group – BDI	B04144
Rolling Element	Combination – Needle Roller and Thrust Roller 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
Long Description	35MM Bore 1; 35MM Bore 2; 47MM Outside Diameter; 30MM Height; Combination – Needle Roller and Thrust Roller 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	8482.80.00.80
Noun	Bearing
Keyword String	Combination
Manufacturer URL	<a href="http://www.ina.com">http://www.ina.com</a>
Manufacturer Item Number	NKXR35
Weight / LBS	0.346
Bore 1	1.378 Inch   35 Millimeter
Overall Height with Aligning Washer	0 Inch   0 Millimeter
Outside Diameter	1.85 Inch   47 Millimeter
Bore 2	1.378 Inch   35 Millimeter
Height	1.181 Inch   30 Millimeter