

# NKXR45 INA 45x58x32mm Keyword String Combination Complex bearings

Bearing number	NKXR45
Size (mm)	45x58x32
Brand	INA
Bore Diameter (mm)	45
Outer Diameter (mm)	58
Width (mm)	32
$F_w$	45 mm
D	58 mm
C – 32 mm / Tolerance: -0,25	32 mm / Tolerance: 0.25
$C_1$ – 14 mm / Tolerance: -0,2	14 mm / Tolerance: 0.2
$C_2$	9 mm
$D_{1 \max}$	65.2 mm
$d_a$	60.6 mm
$d_w$	45 mm / Tolerance: E8
$r_{a \max}$	0.6 mm
$r_{\min}$	0.6 mm
	NAXR45 / Designation to DIN 5429
m	244 g / Weight
$C_r$	31000 N / Dynamic load rating (radial)
$C_{0r}$	53000 N / Static load rating (radial)

$C_a$	59000 N / Dynamic load rating (axial)
$C_{0a}$	163000 N / Static load rating (axial)
$C_{ur}$	9300 N / Fatigue limit load. radial
$C_{ua}$	16000 N / Fatigue limit load. axial
$n_G$	5000 1/min / Limiting speed
$n_B$	1900 1/min / Reference speed
	IR40X45X20 / Suitable inner ring
Category	Thrust Roller Bearing
BDI Inventory	0.0
Manufacturer Name	SCHAEFFLER GROUP
Minimum Buy Quantity	N/A
Weight / Kilogram	0.24
Product Group – BDI	B00234
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	45MM Bore 1; 45MM Bore 2; 58MM Outside Diameter; 32MM 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	NKXR45
Weight / LBS	0.538
Bore 1	1.772 Inch   45 Millimeter
Bore 2	1.772 Inch   45 Millimeter
Outside Diameter	2.283 Inch   58 Millimeter
Overall Height with Aligning Washer	0 Inch   0 Millimeter
Height	1.26 Inch   32 Millimeter