



NKX25 Bearing 2D drawings and 3D CAD models

## INA NKX25 complex bearings

Bearing No. NKX25

Size	25x37x30 mm
Bore Diameter	25 mm
Outer Diameter	37 mm
Width	30 mm
$F_w$	25 mm
D	37 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
$D_{1 \max}$	42,1 mm
$d_a$	37,7 mm
$d_w$	25 mm / Tolerance: E8
$r_{a \max}$	0,6 mm
$r_{\min}$	0,6 mm
	NAXK25 / Designation to DIN 5429
m	125 g / Weight
$C_r$	21300 N / Dynamic load rating (radial)
$C_{0r}$	30500 N / Static load rating (radial)
$C_a$	19600 N / Dynamic load rating (axial)
$C_{0a}$	37500 N / Static load rating (axial)



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C <sub>ur</sub>	5300 N / Fatigue limit load, radial
C <sub>ua</sub>	1790 N / Fatigue limit load, axial
n <sub>G</sub>	6000 1/min / Limiting speed
	IR20X25X20 / Suitable inner ring
Category	Thrust Roller Bearing
Inventory	0.0
Manufacturer Name	SCHAEFFLER GROUP
Minimum Buy Quantity	N/A
Weight / Kilogram	0.13
EAN	4012802732153
Product Group	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
Long Description	25MM Bore 1; 25MM Bore 2; 37MM 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
Inch - Metric	Metric
Category	Thrust Roller Bearings



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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	NKX25
Weight / LBS	0.276
Bore 2	0.984 Inch   25 Millimeter
Outside Diameter	1.457 Inch   37 Millimeter
Overall Height with Aligning Washer	0 Inch   0 Millimeter
Bore 1	0.984 Inch   25 Millimeter
Height	1.181 Inch   30 Millimeter