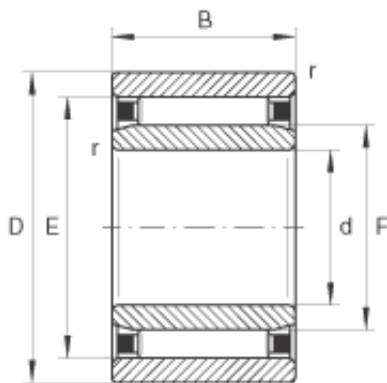




# AMERICAN Timken BEARING MFG.CORP.

15 mm x 28 mm x 13 mm INA NAO15X28X13  
needle roller bearings



Bearing No. NAO15X28X13

NAO15X28X13 Bearing 2D drawings and 3D CAD models

Size	15x28x13 mm
Bore Diameter	15 mm
Outer Diameter	28 mm
Width	13 mm
d	15 mm
D	28 mm
B	13 mm
$D_a$	24,3 mm
$D_b$	20,4 mm
$d_a$	19,7 mm
$d_b$	23,6 mm
E	24 mm
F	20 mm
$r_{a \max}$	0,3 mm
$r_{\min}$	0,3 mm
s	0,5 mm / Axial displacement
m	29 g / Weight
$C_r$	11100 N / Dynamic load rating (radial)
$C_{0r}$	14300 N / Static load rating (radial)
$C_{ur}$	2310 N / Fatigue limit load, radial
$n_G$	21300 1/min / Limiting speed



## AMERICAN Timken BEARING MFG.CORP.

n <sub>B</sub>	12500 1/min / Reference speed
Category	Needle Non Thrust Roller Bearings
Inventory	0.0
Manufacturer Name	SCHAEFFLER GROUP
Minimum Buy Quantity	N/A
Weight / Kilogram	0.03
EAN	4012801566711
Product Group	B04144
Rolling Element	Needle Roller Bearing
Component	Complete with Outer and Inner Ring
Enclosure	Open
Self Aligning	No
Retainer	Yes
Number of Rows of Rollers	Single Row
Separable	Inner/Outer Ring - Both Sides
Closed End	No
Inch - Metric	Metric
Relubricatable	No
Thrust Bearing	No
Long Description	15MM Bore; 28MM Outside Diameter; 13MM Width; Needle Roller Bearing; Complete with Outer and Inner Ring; Open Enclosure; No Self Aligning; Retainer; Single Row of Rollers; Inner/Outer Ring - Both Side
Other Features	Plain Inner Ring   Plain Outer Ring   Precision Bearing   Steel Cage   Ground Raceway
Category	Needle Non Thrust Roller



## AMERICAN Timken BEARING MFG.CORP.

	Bearing
UNSPSC	31171512
Harmonized Tariff Code	8482.40.00.00
Noun	Bearing
Keyword String	Needle
Manufacturer URL	<a href="http://www.ina.com">http://www.ina.com</a>
Manufacturer Item Number	NAO15X28X13
Weight / LBS	0.064
Width	0.512 Inch   13 Millimeter
Bore	0.591 Inch   15 Millimeter
Outside Diameter	1.102 Inch   28 Millimeter