



# NTN BEARING CORP.OF AMERICA



11.024 Inch | 280 Millimeter x 18.11 Inch | 460 Millimeter x 4.874 Inch | 123.8 Millimeter  
TIMKEN 280RU91OE1792R3 Cylindrical Roller Bearings

Bearing No. 280RU91OE1792R3

280RU91OE1792R3 Bearing 2D drawings and 3D CAD models

Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	84.13
EAN	0087796136519
Product Group	B04144
Bore Profile	Straight
Cage Material	Brass
Precision Class	RBEC 1   ISO P0
Number of Rows of Rollers	Single Row
Separable	Inner Ring - Both Sides
Rolling Element	Cylindrical Roller Bearing
Profile	Complete with Outer and Inner Ring
Snap Ring	No
Internal Clearance	C3-Loose
Retainer	Yes
Relubricatable	Yes
Inch - Metric	Metric
Other Features	Plain Inner Ring   2 Rib Outer Ring   Outer Ring Modified   Cage on Outer Ring ID
Long Description	280MM Bore; Straight Bore



# NTN BEARING CORP.OF AMERICA

	Profile; 460MM Outside Diameter; 123.8MM Width; Brass Cage Material; RBEC 1   ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C3-Loose I
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	<a href="http://www.timken.com">http://www.timken.com</a>
Manufacturer Item Number	280RU91OE1792R3
Weight / LBS	185.3
B	4.874 Inch   123.8 Millimeter
d	11.024 Inch   280 Millimeter
D	18.11 Inch   460 Millimeter
Design Units	METRIC
Bearing Weight	87.400 Kg
Type	NU
Tapered Bore	N
d - Bore	280.000 mm
D - Outer Diameter	460.000 mm
C - Inner Ring Width	123.825 mm
B - Outer Ring Width	123.825 mm
C0 - Static Radial Rating	3700000 N
C - Dynamic Radial Rating <sup>1</sup>	2110000 N
Reference Thermal Speed Rating (Grease)	620
Reference Thermal Speed Rating (Oil) <sup>2</sup>	680
Cg - Geometry Factor <sup>3</sup>	0.2008
R - Inner Ring To Clear Radius <sup>4</sup>	4.000 mm



## NTN BEARING CORP.OF AMERICA

r - Outer Ring To Clear Radius <sup>5</sup>	4.000 mm
da - Inner Ring Backing Diameter	311.000 mm
Da - Outer Ring Backing Diameter	429.000 mm