



Original NSK Bearing LTD



11.024 Inch | 280 Millimeter x 19.685 Inch | 500 Millimeter x 6.5 Inch | 165.1 Millimeter TIMKEN 280RU92AC1112R3 Cylindrical Roller Bearings

Bearing No. 280RU92AC1112R3

280RU92AC1112R3 Bearing 2D drawings and 3D CAD models

Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	144.13
EAN	0053893529967
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 Cage on Outer Ring ID
Long Description	280MM Bore; Straight Bore Profile; 500MM Outside Diameter; 165.1MM Width;



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	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	http://www.timken.com
Manufacturer Item Number	280RU92AC1112R3
Weight / LBS	317.465
B	6.5 Inch 165.1 Millimeter
D	19.685 Inch 500 Millimeter
d	11.024 Inch 280 Millimeter
Design Units	METRIC
Bearing Weight	148.7 Kg
Type	NU
Tapered Bore	N
d - Bore	280.000 mm
D - Outer Diameter	500.000 mm
C - Inner Ring Width	165.100 mm
B - Outer Ring Width	165.100 mm
C0 - Static Radial Rating	5220000 N
C - Dynamic Radial Rating ¹	3150000 N
Reference Thermal Speed Rating (Grease)	570
Reference Thermal Speed Rating (Oil) ²	610
Cg - Geometry Factor ³	0.2133
R - Inner Ring To Clear Radius ⁴	5.200 mm
r - Outer Ring To Clear Radius ⁵	5.200 mm
da - Inner Ring Backing	319.000 mm



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Diameter	
Da - Outer Ring Backing Diameter	461.000 mm