



Timken Making Bearings LTD



NU218EMA Bearing 2D drawings and 3D CAD models

3.543 Inch | 90 Millimeter x 6.299 Inch | 160 Millimeter x 1.181 Inch | 30 Millimeter Timken NU218EMA Cylindrical Roller Bearings

Bearing No. NU218EMA

Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	2.633
EAN	0053893752044
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	C0-Medium
Retainer	Yes
Relubricatable	Yes
Inch - Metric	Metric
Other Features	High Capacity Plain Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
Long Description	90MM Bore; Straight Bore Profile; 160MM Outside Diameter; 30MM Width;



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	Brass Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Inte
Category	Cylindrical Roller Bearings
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	http://www.timken.com
Manufacturer Item Number	NU218EMA
Weight / LBS	5.8
B	1.181 Inch 30 Millimeter
d	3.543 Inch 90 Millimeter
D	6.299 Inch 160 Millimeter
Design Units	METRIC
Bearing Weight	2.6 Kg
Type	NU
Tapered Bore	N
d - Bore	90 mm
D - Outer Diameter	160 mm
C - Inner Ring Width	30 mm
B - Outer Ring Width	30 mm
C0 - Static Radial Rating	225000 N
C - Dynamic Radial Rating ¹	206000 N
Reference Thermal Speed Rating (Grease)	3300
Reference Thermal Speed Rating (Oil) ²	3900
Cg - Geometry Factor ³	0.0851
R - Inner Ring To Clear Radius ⁴	2.0 mm
r - Outer Ring To Clear Radius ⁵	2.0 mm



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da - Inner Ring Backing Diameter	104.0 mm
Da - Outer Ring Backing Diameter	0.000 mm