



# SNR BEARING CORP.OF AMERICA



SKF NTN NSK Koyo NACHI Timken  
Spherical Roller Bearing/Taper Roller  
Bearing/Angular Contact Ball Bearing/Deep  
Groove Ball Bearing 6302 6205 6206

Bearing No. 6302

6302 Bearing 2D drawings and 3D CAD models

Size	15x42x13 mm
Bore Diameter	15 mm
Outer Diameter	42 mm
Width	13 mm
d	15 mm
D	42 mm
B	13 mm
C	13 mm
r min.	1 mm
da min.	21 mm
Da max.	36 mm
ra max.	1.0 mm
Weight	0.082 Kg
Basic dynamic load rating (C)	11,4 kN
Basic static load rating (C0)	5,4 kN
(Grease) Lubrication Speed	17000 r/min
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NACHI
Minimum Buy Quantity	N/A
Weight / Kilogram	0
Product Group	B00308
Enclosure	Open



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Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	15MM Bore; 42MM Outside Diameter; 13MM Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage
Other Features	Deep Groove
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	<a href="http://www.nachi-america.com">http://www.nachi-america.com</a>
Bore	0.591 Inch   15 Millimeter
Outside Diameter	1.654 Inch   42 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Outer Race Width	0.512 Inch   13 Millimeter
Bore Type	Cylindrical Bore
Configuration	Single Row
Bore Size	15 mm
Width	13 mm
Fillet Radius/Chamfer	1 mm



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Dynamic Load Rating	11,400 N
Static Load Rating	5,400 N
Limiting Speed - Grease	17,000 rpm
Limiting Speed - Oil	21,000 rpm
Factor fo	12.3
Radial Clearance	0.003 to 0.018 mm
da (min)	21 mm
Da (max)	36 mm
ra (max)	1 mm