



TIKEN BEARINGS CO.,LTD.



NACHI 6301 Bearing Price 6302 2RS 6303 2RS
6304 2RS Bearing 6001RS

Bearing No. 6301

6301 Bearing 2D drawings and 3D CAD models

Size	12x37x12 mm
Bore Diameter	12 mm
Outer Diameter	37 mm
Width	12 mm
d	12 mm
D	37 mm
B	12 mm
C	12 mm
r min.	1 mm
da min.	18 mm
Da max.	31 mm
ra max.	1.0 mm
Weight	0.060 Kg
Basic dynamic load rating (C)	9,75 kN
Basic static load rating (C0)	4,25 kN
(Grease) Lubrication Speed	19000 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
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling	No



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Slot	
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	12MM Bore; 37MM Outside Diameter; 12MM 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	http://www.nachiamerica.com
Inner Race Width	0 Inch 0 Millimeter
Outside Diameter	1.457 Inch 37 Millimeter
Bore	0.472 Inch 12 Millimeter
Outer Race Width	0.472 Inch 12 Millimeter
Bore Type	Cylindrical Bore
Configuration	Single Row
Bore Size	12 mm
Width	12 mm
Fillet Radius/Chamfer	1 mm
Dynamic Load Rating	9,750 N
Static Load Rating	4,250 N



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Limiting Speed - Grease	20,000 rpm
Limiting Speed - Oil	24,000 rpm
Factor f_0	11.2
Radial Clearance	0.003 to 0.018 mm
d_a (min)	18 mm
D_a (max)	31 mm
r_a (max)	1 mm