



# TRANSMISSIONS? BEARINGS EUROPE



6310 C3-SKF NTN NSK Timken NACHI Koyo  
Z2V2 Z3V3 Deep Groove Ball Bearing OEM

Bearing No. 6310

6310 Bearing 2D drawings and 3D CAD models

Size	50x110x27 mm
Bore Diameter	50 mm
Outer Diameter	110 mm
Width	27 mm
d	50 mm
D	110 mm
B	27 mm
C	27 mm
r min.	2 mm
da min.	60 mm
Da max.	100 mm
ra max.	2.0 mm
Weight	1.07 Kg
Basic dynamic load rating (C)	62 kN
Basic static load rating (C0)	38 kN
(Grease) Lubrication Speed	6200 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	50MM Bore; 110MM Outside Diameter; 27MM 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>
Outer Race Width	1.063 Inch   27 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Outside Diameter	4.331 Inch   110 Millimeter
Bore	1.969 Inch   50 Millimeter
Bore Type	Cylindrical Bore
Configuration	Single Row
Bore Size	50 mm
Width	27 mm
Fillet Radius/Chamfer	2 mm
Dynamic Load Rating	62,000 N
Static Load Rating	38,000 N



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Limiting Speed - Grease	6,400 rpm
Limiting Speed - Oil	7,500 rpm
Factor $f_0$	13.1
Radial Clearance	0.006 to 0.023 mm
$d_a$ (min)	60 mm
$D_a$ (max)	100 mm
$r_a$ (max)	2 mm