



RAD Power Machinery Co., Ltd.



6310 Bearing 2D drawings and 3D CAD models

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

Bearing No. 6310

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	http://www.nachiamerica.com
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