



NTN BEARING CORP.OF America LTD.



50 mm x 110 mm x 27 mm SKF 6310 Bearing

Bearing No. 6310

6310 Bearing 2D drawings and 3D CAD models

Size	110x50x27 mm
Bore Diameter	110 mm
Outer Diameter	50 mm
Width	27 mm
d	50 mm
D	110 mm
B	27 mm
d ₁	68.76 mm
D ₂	95.2 mm
r _{1,2}	
d _a - min.	61 mm
D _a - max.	99 mm
r _a - max.	2 mm
Basic dynamic load rating - C	65 kN
Basic static load rating - C ₀	38 kN
Fatigue load limit - P _u	1.6 kN
Reference speed	13000 r/min
Limiting speed	8500 r/min
Calculation factor - k _r	0.03
Calculation factor - f ₀	13
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



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Weight / Kilogram	1.083
Product Group	B00308
Enclosure	Open
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	50MM Bore; 110MM Outside Diameter; 27MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	6310
Weight / LBS	2.38
Outer Race Width	1.063 Inch 27 Millimeter
Outside Diameter	4.331 Inch 110 Millimeter
Bore	1.969 Inch 50 Millimeter
d ₁	68.76 mm
D ₂	95.2 mm
r _{1,2} min.	2 mm
d _a min.	61 mm



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D_a max.	99 mm
r_a max.	2 mm
Basic dynamic load rating C	65 kN
Basic static load rating C_0	38 kN
Fatigue load limit P_u	1.6 kN
Calculation factor k_r	0.03
Calculation factor f_0	13
Mass bearing	1.08 kg