



SKF BEARING LTD



Cixi Kent Factory Bearing Gearbox Bearing
 NSK SKF NTN 6310 2RS/6310zz 6312zz, 6313zz,
 6310zz, 6310 2RS, 6311zz, 6311 2RS

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



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Minimum Buy Quantity	N/A
Weight / Kilogram	1.083
EAN	7316577067739
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



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$r_{1,2}$ min.	2 mm
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
Calculation factor k_r	0.03
Calculation factor f_0	13
Mass bearing	1.08 kg