



6310 Bearing 2D drawings and 3D CAD models

**SKF Ball Bearing 6310 2z C3**

Bearing No. 6310

Size	110x50x27 mm
Bore Diameter	110 mm
Outer Diameter	50 mm
Width	27 mm
d	50 mm
D	110 mm
B	27 mm
d <sub>1</sub>	68.76 mm
D <sub>2</sub>	95.2 mm
r <sub>1,2</sub>	
d <sub>a</sub> - min.	61 mm
D <sub>a</sub> - max.	99 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	65 kN
Basic static load rating - C <sub>0</sub>	38 kN
Fatigue load limit - P <sub>u</sub>	1.6 kN
Reference speed	13000 r/min
Limiting speed	8500 r/min
Calculation factor - k <sub>r</sub>	0.03
Calculation factor - f <sub>0</sub>	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
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	<a href="http://www.skf.com">http://www.skf.com</a>
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 <sub>1</sub>	68.76 mm
D <sub>2</sub>	95.2 mm
r <sub>1,2</sub> min.	2 mm



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$d_a$ 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