



Bearing No. 6310-Z

D	110 mm
d	50 mm
B	27 mm
Bore	1.969 Inch 50 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	1 Metal Shield
Size (mm)	110x50x27
Snap Ring	No
Width (mm)	27
Mass bearing	1.09 kg
Weight / LBS	2.41
Inch - Metric	Metric
Cage Material	Steel
D ₂	95.2 mm
d ₁	68.76 mm
Product Group	B00308
Keyword String	Ball
Bearing number	6310-Z
Limiting speed	8500 r/min
Reference speed	13000 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Manufacturer URL	http://www.skf.com
Outer Race Width	1.063 Inch 27 Millimeter
Long Description	50MM Bore; 110MM Outside Diameter;

	27MM Outer Race Diameter; 1 Metal Shield; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Outside Diameter	4.331 Inch 110 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	1.09
d_a max.	68.7 mm
Internal Clearance	C0-Medium
d_a min.	61 mm
D_a max.	99 mm
Bore Diameter (mm)	110
r_a max.	2 mm
Outer Diameter (mm)	50
$r_{1,2}$ min.	2 mm
D_a - max.	99 mm
d_a - min.	61 mm
d_a - max.	68.7 mm
r_a - max.	2 mm
Minimum Buy Quantity	N/A
d_1 ?	68.76 mm
D_2 ?	95.2 mm
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	2 mm
Manufacturer Item Number	6310-Z
Internal Special Features	No
Basic dynamic load rating C	65 kN
Basic dynamic load rating - C	65 kN

Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	1.6 kN
Calculation factor k_r	0.03
Calculation factor f_0	13
Calculation factor - k_r	0.03
Fatigue load limit - P_u	1.6 kN
Calculation factor - f_0	13
Basic static load rating C_0	38 kN
Basic static load rating - C_0	38 kN