



Bearing No. 6310

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	Open
Size (mm)	110x50x27
Snap Ring	No
Width (mm)	27
Mass bearing	1.08 kg
Weight / LBS	2.38
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
Limiting speed	8500 r/min
r _{1,2}	
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	13000 r/min
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
Outer Race Width	1.063 Inch 27 Millimeter
Outside Diameter	4.331 Inch 110 Millimeter
Manufacturer URL	http://www.skf.com
Weight / Kilogram	1.083
Manufacturer Name	SKF
D _a max.	99 mm
r _a max.	2 mm
Bore Diameter (mm)	110
Internal Clearance	C0-Medium
d _a min.	61 mm
Outer Diameter (mm)	50
r _a - max.	2 mm
d _a - min.	61 mm
D _a - max.	99 mm
Minimum Buy Quantity	N/A
r _{1,2} min.	2 mm
d ₁ ?	68.76 mm
D ₂ ?	95.2 mm
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6310
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