



Bearing No. 6310-2ZNR

b	2,7 mm
f	2,46 mm
d	50 mm
D	110 mm
B	27 mm
C	3,28 mm
d1	68,7 mm
D3	106,81 mm
D2	95,2 mm
D4	116,6 mm
Bore	1.969 Inch 50 Millimeter
Noun	Bearing
UNSPSC	31171504
da max	68,7 mm
Weight	1,1 Kg
Db min.	118 mm
Da max.	99 mm
ra max.	2 mm
da min.	3 mm
Ca max.	5,74 mm
ba min.	5,74 mm
r2 min.	2 mm
r0 max.	0,6 mm
r1 min.	2 mm
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	2 Metal Shields
Snap ring	SP 110
Size (mm)	50x110x27

Snap Ring	Yes
Width (mm)	27
Weight / LBS	2.5289
Mass bearing	1.14 kg
D ₃	106.81 mm
D ₄	116.6 mm
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
Keyword String	Ball
Other Features	Deep Groove With Snap Ring
Bearing number	6310-2ZNR
Limiting speed	8500 r/min
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Reference speed	13000 r/min
Outside Diameter	4.331 Inch 110 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Outer Race Width	1.063 Inch 27 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	50MM Bore; 110MM Outside Diameter; 27MM Outer Race Width; 2 Metal Shields; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; St
Manufacturer Name	SKF
Weight / Kilogram	0
r _a max.	2 mm

C _a max.	5.74 mm
b _a min.	3 mm
D _b min.	118 mm
D _a max.	99 mm
Internal Clearance	C0-Medium
Bore Diameter (mm)	50
d _a max.	68.7 mm
d _a min.	61 mm
r ₀ max.	0.6 mm
Outer Diameter (mm)	110
r _{1,2} min.	2 mm
Minimum Buy Quantity	N/A
d ₁ ?	68.76 mm
D ₂ ?	95.2 mm
Harmonized Tariff Code	8482.10.50.68
Fatigue load limit (Pu)	1,6
Calculation factor (f0)	13
Manufacturer Item Number	6310-2ZNR
Internal Special Features	No
Basic dynamic load rating C	65 kN
Basic dynamic load rating (C)	65 kN
Basic static load rating (C0)	38 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
Basic static load rating C ₀	38 kN

