



### Bearing No. 6310-ZNR

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	1 Metal Shield
Snap ring	SP 110
Size (mm)	50x110x27

Snap Ring	Yes
Width (mm)	27
Weight / LBS	2.3856
Mass bearing	1.11 kg
D <sub>3</sub>	106.81 mm
D <sub>4</sub>	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-ZNR
Limiting speed	8500 r/min
Rolling Element	Ball Bearing
Precision Class	ABEC 1   ISO P0
Reference speed	13000 r/min
Outer Race Width	1.063 Inch   27 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Outside Diameter	4.331 Inch   110 Millimeter
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Long Description	50MM Bore; 110MM Outside Diameter; 27MM Outer Race Width; 1 Metal Shield; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Ste
Manufacturer Name	SKF
Weight / Kilogram	1.121
r <sub>a</sub> max.	2 mm

$C_a$ max.	5.74 mm
$b_a$ min.	3 mm
$D_b$ min.	118 mm
Internal Clearance	C0-Medium
$D_a$ max.	99 mm
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-ZNR
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

