



### Bearing No. 6312-ZNR

b	3,1 mm
f	2,82 mm
d	60 mm
D	130 mm
B	31 mm
C	4,06 mm
d1	81,8 mm
D3	125,22 mm
D2	113 mm
D4	139,7 mm
Bore	2.362 Inch   60 Millimeter
Noun	Bearing
UNSPSC	31171504
da max	81,8 mm
Weight	1,8 Kg
Db min.	141 mm
Da max.	118 mm
ra max.	2 mm
da min.	3,5 mm
Ca max.	6,88 mm
ba min.	6,88 mm
r2 min.	2,1 mm
r0 max.	0,6 mm
r1 min.	2,1 mm
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	1 Metal Shield
Snap ring	SP 130
Size (mm)	60x130x31

Snap Ring	Yes
Width (mm)	31
Weight / LBS	3.983
Mass bearing	1.78 kg
D <sub>3</sub>	125.22 mm
D <sub>4</sub>	139.7 mm
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
Keyword String	Ball
Other Features	Deep Groove   With Snap Ring
Bearing number	6312-ZNR
Limiting speed	7000 r/min
Rolling Element	Ball Bearing
Precision Class	ABEC 1   ISO P0
Reference speed	11000 r/min
Inner Race Width	0 Inch   0 Millimeter
Outer Race Width	1.22 Inch   31 Millimeter
Outside Diameter	5.118 Inch   130 Millimeter
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Long Description	60MM Bore; 130MM Outside Diameter; 31MM 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	1.808
r <sub>a</sub> max.	2 mm
	6.88 mm

Ca max.

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$b_a$ min.	3.5 mm
$D_b$ min.	141 mm
$D_a$ max.	118 mm
Internal Clearance	C0-Medium
Bore Diameter (mm)	60
$d_a$ max.	81.8 mm
$d_a$ min.	72 mm
$r_0$ max.	0.6 mm
Outer Diameter (mm)	130
$r_{1,2}$ min.	2.1 mm
Minimum Buy Quantity	N/A
$d_1$ ?	81.86 mm
$D_2$ ?	112.2 mm
Harmonized Tariff Code	8482.10.50.68
Fatigue load limit (Pu)	2,2
Calculation factor (f0)	13
Manufacturer Item Number	6312-ZNR
Internal Special Features	No
Basic dynamic load rating C	85.2 kN
Basic dynamic load rating (C)	85,2 kN
Basic static load rating (C0)	52 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit $P_u$	2.2 kN
Calculation factor $k_r$	0.03
Calculation factor $f_0$	13
Basic static load rating $C_0$	52 kN