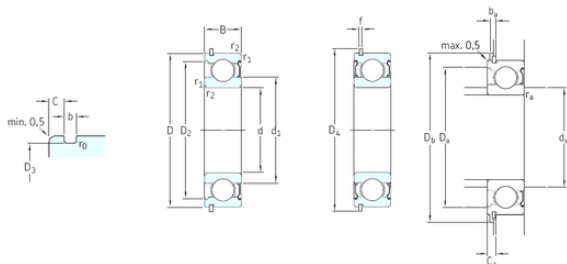




# BEARING INDUSTRIA CUSCINETTI S.P.A.



60 mm x 130 mm x 31 mm skf 6312-ZNR Deep groove ball bearings

Bearing No. 6312-ZNR

6312-ZNR Bearing 2D drawings and 3D CAD models

Size	60x130x31 mm
Bore Diameter	60 mm
Outer Diameter	130 mm
Width	31 mm
d	60 mm
D	130 mm
B	31 mm
C	31 mm
b	3,1 mm
d1	81,8 mm
f	2,82 mm
r0 max.	0,6 mm
r1 min.	2,1 mm
r2 min.	2,1 mm
C	4,06 mm
D2	113 mm
D3	125,22 mm
D4	139,7 mm
ba min.	6,88 mm
Ca max.	6,88 mm
da min.	3,5 mm
da max	81,8 mm
Da max.	118 mm
Db min.	141 mm
ra max.	2 mm



## BEARING INDUSTRIA CUSCINETTI S.P.A.

Weight	1,8 Kg
Basic dynamic load rating (C)	85,2 kN
Basic static load rating (C0)	52 kN
Fatigue load limit (Pu)	2,2
Reference speed	11000 r/min
Limiting speed	7000 r/min
Calculation factor (f0)	13
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.808
Product Group	B00308
Enclosure	1 Metal Shield
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	Yes
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
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
Other Features	Deep Groove   With Snap Ring
Category	Single Row Ball Bearing



## BEARING INDUSTRIA CUSCINETTI S.P.A.

UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	6312-ZNR
Weight / LBS	3.983
Outside Diameter	5.118 Inch   130 Millimeter
Bore	2.362 Inch   60 Millimeter
Outer Race Width	1.22 Inch   31 Millimeter
Inner Race Width	0 Inch   0 Millimeter
$d_1$	81.86 mm
$D_2$	112.2 mm
$D_3$	125.22 mm
$D_4$	139.7 mm
$r_0$ max.	0.6 mm
$r_{1,2}$ min.	2.1 mm
$d_a$ min.	72 mm
$d_a$ max.	81.8 mm
$D_a$ max.	118 mm
$D_b$ min.	141 mm
$b_a$ min.	3.5 mm
$C_a$ max.	6.88 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	85.2 kN
Basic static load rating $C_0$	52 kN
Fatigue load limit $P_u$	2.2 kN
Calculation factor $k_r$	0.03
Calculation factor $f_0$	13
Mass bearing	1.78 kg
Snap ring	SP 130