



Bearing No. 6311-2ZNR

b	3,1 mm
f	2,82 mm
d	55 mm
D	120 mm
B	29 mm
C	4,06 mm
d1	75,3 mm
D3	115,21 mm
D2	104 mm
D4	129,7 mm
Bore	2.165 Inch 55 Millimeter
Noun	Bearing
UNSPSC	31171504
da max	75,2 mm
Weight	1,45 Kg
Db min.	131 mm
Da max.	109 mm
ra max.	2 mm
da min.	3,5 mm
Ca max.	6,88 mm
ba min.	6,88 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 120
Size (mm)	55x120x29

Snap Ring	Yes
Width (mm)	29
Weight / LBS	3.2509
Mass bearing	1.46 kg
D ₃	115.21 mm
D ₄	129.7 mm
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
Keyword String	Ball
Other Features	Deep Groove With Snap Ring
Bearing number	6311-2ZNR
Limiting speed	8000 r/min
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Reference speed	12000 r/min
Inner Race Width	0 Inch 0 Millimeter
Outside Diameter	4.724 Inch 120 Millimeter
Outer Race Width	1.142 Inch 29 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	55MM Bore; 120MM Outside Diameter; 29MM 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	1.49
r _a max.	2 mm

C_a max.	6.88 mm
b_a min.	3.5 mm
D_b min.	131 mm
D_a max.	109 mm
Internal Clearance	C0-Medium
Bore Diameter (mm)	55
d_a max.	75.2 mm
d_a min.	66 mm
r_0 max.	0.6 mm
Outer Diameter (mm)	120
$r_{1,2}$ min.	2 mm
Minimum Buy Quantity	N/A
d_1 ?	75.34 mm
D_2 ?	103.7 mm
Harmonized Tariff Code	8482.10.50.68
Fatigue load limit (Pu)	1,9
Calculation factor (f0)	13
Manufacturer Item Number	6311-2ZNR
Internal Special Features	No
Basic dynamic load rating C	74.1 kN
Basic dynamic load rating (C)	74,1 kN
Basic static load rating (C0)	45 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	1.9 kN
Calculation factor k_r	0.03
Calculation factor f_0	13
Basic static load rating C_0	45 kN

