



**Bearing No. 6311ZENR**

b	3.1 mm
d	55 mm
D	120 mm
B	29 mm
C	29 mm
a	4.06 mm
f	2.82 mm
r1	0.5 mm
D1	115.21 mm
D2	129.7 mm
Noun	Bearing
Bore	2.165 Inch   55 Millimeter
Width	29 mm
Weight	1.37 Kg
r min.	2 mm
UNSPSC	31171504
a (max)	4.1 mm
r1 min.	0.5 mm
b (min)	3.1 mm
D1 (max)	115.2 mm
Cy (max)	6.5 mm
Da (max)	110 mm
Category	Single Row Ball Bearing
da (min)	65 mm
Dx (min)	131.5 mm
ra (max)	2 mm
Inventory	0.0
Factor fo	13.1
Enclosure	1 Metal Shield

Bore Size	55 mm
Snap Ring	Yes
Bore Type	Cylindrical Bore
Size (mm)	55x120x29
Width (mm)	29
Configuration	Single Row
Inch - Metric	Metric
Product Group	B00308
Cage Material	Steel
Other Features	Deep Groove   With Snap Ring
Bearing number	6311ZENR
Keyword String	Ball
Rolling Element	Ball Bearing
Precision Class	ABEC 1   ISO P0
Snap Ring Width	2.8 mm
Inner Race Width	0 Inch   0 Millimeter
Long Description	55MM Bore; 120MM Outside Diameter; 29MM 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
Radial Clearance	0.008 to 0.028 mm
Outside Diameter	4.724 Inch   120 Millimeter
Manufacturer URL	<a href="http://www.nachiamerica.com">http://www.nachiamerica.com</a>
Outer Race Width	1.142 Inch   29 Millimeter
Manufacturer Name	NACHI
Weight / Kilogram	0

Bore Diameter (mm)	55
Internal Clearance	C0-Medium
Static Load Rating	44,500 N
Outer Diameter (mm)	120
Dynamic Load Rating	71,500 N
Limiting Speed - Oil	6,800 rpm
Minimum Buy Quantity	N/A
Fillet Radius/Chamfer	2 mm
Harmonized Tariff Code	8482.10.50.68
Limiting Speed - Grease	5,800 rpm
Internal Special Features	No
(Grease) Lubrication Speed	5600 r/min
Snap Ring Outside Diameter	129.7 mm
Basic static load rating (C0)	44,5 kN
Basic dynamic load rating (C)	71,5 kN
Maximum Capacity / Filling Slot	No