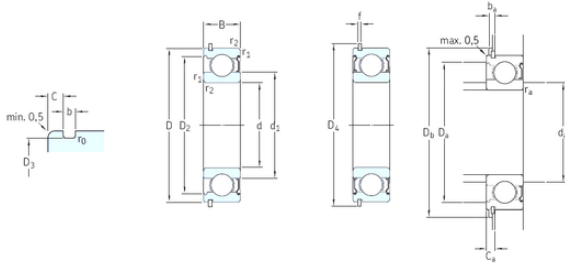




# Huaxin Bearing Co., Ltd



## 55 mm x 120 mm x 29 mm SKF 6311-2ZNR deep groove ball bearings

Bearing No. 6311-2ZNR

6311-2ZNR Bearing 2D drawings and 3D CAD models

Size	55x120x29 mm
Bore Diameter	55 mm
Outer Diameter	120 mm
Width	29 mm
d	55 mm
D	120 mm
B	29 mm
C	29 mm
b	3,1 mm
d1	75,3 mm
f	2,82 mm
r0 max.	0,6 mm
r1 min.	2 mm
r2 min.	2 mm
C	4,06 mm
D2	104 mm
D3	115,21 mm
D4	129,7 mm
ba min.	6,88 mm
Ca max.	6,88 mm
da min.	3,5 mm
da max	75,2 mm
Da max.	109 mm
Db min.	131 mm
ra max.	2 mm



## Huaxin Bearing Co., Ltd

Weight	1,45 Kg
Basic dynamic load rating (C)	74,1 kN
Basic static load rating (C0)	45 kN
Fatigue load limit (Pu)	1,9
Reference speed	12000 r/min
Limiting speed	8000 r/min
Calculation factor (f0)	13
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.49
Product Group	B00308
Enclosure	2 Metal Shields
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	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
Other Features	Deep Groove   With Snap Ring
Category	Single Row Ball Bearing



## Huaxin Bearing Co., Ltd

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	6311-2ZNR
Weight / LBS	3.2509
Outer Race Width	1.142 Inch   29 Millimeter
Bore	2.165 Inch   55 Millimeter
Outside Diameter	4.724 Inch   120 Millimeter
Inner Race Width	0 Inch   0 Millimeter
$d_1$	75.34 mm
$D_2$	103.7 mm
$D_3$	115.21 mm
$D_4$	129.7 mm
$r_0$ max.	0.6 mm
$r_{1,2}$ min.	2 mm
$d_a$ min.	66 mm
$d_a$ max.	75.2 mm
$D_a$ max.	109 mm
$D_b$ min.	131 mm
$b_a$ min.	3.5 mm
$C_a$ max.	6.88 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	74.1 kN
Basic static load rating $C_0$	45 kN
Fatigue load limit $P_u$	1.9 kN
Calculation factor $k_r$	0.03
Calculation factor $f_0$	13
Mass bearing	1.46 kg
Snap ring	SP 120