



## Lamar parts manufacturing company



### 55 mm x 120 mm x 29 mm SKF 311 deep groove ball bearings

Bearing No. 311

311 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
d1	75,3 mm
r1 min.	2 mm
r2 min.	2 mm
D2	104 mm
da min.	66 mm
da max	75,2 mm
Da max.	109 mm
ra max.	2 mm
Weight	1,5 Kg
Basic dynamic load rating (C)	79,2 kN
Basic static load rating (C0)	67 kN
Fatigue load limit (Pu)	2,85
Reference speed	10000 r/min
Limiting speed	6300 r/min
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF



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Minimum Buy Quantity	N/A
Weight / Kilogram	1.6
EAN	7316576680502
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	Yes
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	55MM Bore; 120MM Outside Diameter; 29MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; Yes Filling Slot; No Snap Ring; No Internal Special Features
Category	Single Row Ball Bearing
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	311
Weight / LBS	3.52
Bore	2.165 Inch   55 Millimeter
Outside Diameter	4.724 Inch   120 Millimeter
Outer Race Width	1.142 Inch   29 Millimeter
bore diameter:	55 mm
precision rating:	ABEC 1 (ISO Class Normal)



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outside diameter:	120 mm
finish/coating:	Uncoated
overall width:	29 mm
cage material:	Steel
bore type:	Round
outer ring width:	29 mm
closure type:	Open
fillet radius:	2 mm
row type & fill slot:	Single Row Filling Slot
maximum rpm:	6300 RPM
internal clearance:	C0
series:	31
dynamic load capacity:	79.2 kN
thrust application warning:	This product can not be used in Thrust Applications
static load capacity:	67 kN
$d_1$	75.34 mm
$D_2$	103.7 mm
$r_{1,2}$ min.	2 mm
$d_a$ min.	66 mm
$D_a$ max.	109 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	79.2 kN
Basic static load rating $C_0$	67 kN
Fatigue load limit $P_u$	2.85 kN
Calculation factor $k_r$	0.05
Mass bearing	1.5 kg