



55 mm x 120 mm x 29 mm SKF 311 bearing

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
Minimum Buy Quantity	N/A



NTN BEARING USA CORP.

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	http://www.skf.com
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)



NTN BEARING USA CORP.

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