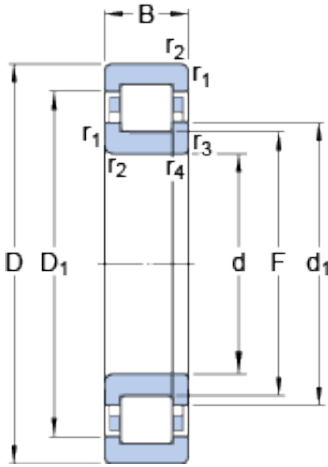




# SNR Bearing Argentina



NUP 311 ECJ Bearing 2D drawings and 3D CAD models

55 mm x 120 mm x 29 mm SKF NUP 311 ECJ  
thrust ball bearings

Bearing No. NUP 311 ECJ

Size	120x55x29 mm
Bore Diameter	120 mm
Outer Diameter	55 mm
Width	29 mm
d	55 mm
D	120 mm
B	29 mm
d <sub>1</sub>	77.5 mm
D <sub>1</sub>	100.3 mm
F	70.5 mm
r <sub>1,2</sub> - min.	2 mm
r <sub>3,4</sub> - min.	2 mm
d <sub>a</sub> - min.	65 mm
d <sub>b</sub> - min.	80 mm
D <sub>a</sub> - max.	109.2 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	156 kN
Basic static load rating - C <sub>0</sub>	143 kN
Fatigue load limit - P <sub>u</sub>	18.6 kN
Reference speed	6000 r/min
Limiting speed	7000 r/min
Calculation factor - k <sub>r</sub>	0.15
Category	Cylindrical Roller Bearings
Inventory	3.0



## SNR Bearing Argentina

Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.57
EAN	7316570941326
Product Group	B04144
Bore Profile	Straight
Cage Material	Steel
Precision Class	RBEC 1   ISO P0
Number of Rows of Rollers	Single Row
Separable	No
Rolling Element	Cylindrical Roller Bearing
Profile	Complete with Outer and Inner Ring
Snap Ring	No
Internal Clearance	C0-Medium
Retainer	Yes
Relubricatable	Yes
Inch - Metric	Metric
Other Features	High Capacity   1 Rib Inner Ring with Side Plate   2 Rib Outer Ring   Cage on Outer Ring ID
Long Description	55MM Bore; Straight Bore Profile; 120MM Outside Diameter; 29MM Width; Steel Cage Material; RBEC 1   ISO P0; Single Row; Not Separable; No Snap Ring; Relubricatable; C0-Medium Internal Clearance; Reta
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	NUP 311 ECJ



## SNR Bearing Argentina

Weight / LBS	3.459
Outside Diameter	4.724 Inch   120 Millimeter
Width	1.142 Inch   29 Millimeter
Bore	2.165 Inch   55 Millimeter
bore diameter:	55 mm
static load capacity:	143 kN
outside diameter:	120 mm
precision rating:	Not Rated
overall width:	29 mm
maximum rpm:	7000 RPM
flanges:	(4) Flanges, Two-Piece Inner Ring
bearing material:	Steel
bore type:	Straight
cage material:	Steel
number of rows:	1
finish/coating:	Uncoated
internal clearance:	C0
closure type:	Open
ring separation:	Separable Ring
outer ring width:	29 mm
operating temperature range:	Maximum of +300 ° F
fillet radius:	2 mm
dynamic load capacity:	156 kN
series:	NUP3
$d_1$	77.5 mm
$D_1$	100.3 mm
$r_{1,2}$ min.	2 mm
$r_{3,4}$ min.	2 mm
$d_a$ min.	65 mm
$d_b$ min.	80 mm
$D_a$ max.	109.2 mm



## SNR Bearing Argentina

$r_a$ max.	2 mm
Basic dynamic load rating C	156 kN
Basic static load rating $C_0$	143 kN
Fatigue load limit $P_u$	18.6 kN
Calculation factor $k_r$	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	1.53 kg