



6311 Bearing 2D drawings and 3D CAD models

6311 6002 6210 6312 620 6201z NSK Car Ball Bearing

Bearing No. 6311

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
r min.	2 mm
da min.	64 mm
da max	72,5 mm
Da max.	111 mm
ra max.	2 mm
Weight	1,37 Kg
Basic dynamic load rating (C)	71,5 kN
Basic static load rating (C0)	44,5 kN
(Grease) Lubrication Speed	5 600 r/min
(Oil) Lubrication Speed	6 700 r/min
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	1.37
EAN	0029176017155
Product Group	B00308



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Enclosure	Open
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
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; No 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.nskamericas.com
Manufacturer Item Number	6311
Weight / LBS	1.37
Outer Race Width	1.142 Inch 29 Millimeter
Bore	2.165 Inch 55 Millimeter
Outside Diameter	4.724 Inch 120 Millimeter
bore diameter:	55 mm
internal clearance:	C0
outside diameter:	120 mm
dynamic load capacity:	71500 N
overall width:	29 mm
precision rating:	ABEC1, P0



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bore type:	Round
finish/coating:	Uncoated
closure type:	Open
cage material:	Steel Cage
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm:	6700 rpm
snap ring included:	Without Snap Ring
SRI	10.68
hidYobi	6311
LangID	1
D_	120
SREX	0.04
B_	29
da min	64
hidTable	ecat_NSRDGB
Oil rpm	6700
SRE	10.68
mass	1.37
GRS rpm	5600
ra	2
SRIX	0.04
D_a	111
SRIN	-0.04
C0	44.5
fo	13.1
SREN	-0.04
DE_	108.138
Prod_Type3	DGBB_SR_OT
DA_	20.638
bomp	0
Z_	8
yobi	6311



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C_conv	71500
ALPHA_	0
SDM_	87.5
r	2
KBRG	6101
SBRG	3
DI_	66.862