



Great Range Bearing Supplier



NSK 6311 Deep Groove Bearing - 55 x 120 x 29mm

Bearing No. 6311

6311 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
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