



NTN BEARING-SUDAMERICANA, S.A.



6316 Bearing 2D drawings and 3D CAD models

6316 NSK Bearing Sealed C3 Japan 80X170X39 Ball Bearings

Bearing No. 6316

Size	80x170x39 mm
Bore Diameter	80 mm
Outer Diameter	170 mm
Width	39 mm
d	80 mm
D	170 mm
B	39 mm
C	39 mm
r min.	2,1 mm
da min.	91 mm
da max	104,5 mm
Da max.	159 mm
ra max.	2 mm
Weight	3,67 Kg
Basic dynamic load rating (C)	123 kN
Basic static load rating (C0)	86,5 kN
(Grease) Lubrication Speed	4 000 r/min
(Oil) Lubrication Speed	4 800 r/min
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	3.7
EAN	0029176017568
Product Group	B00308



NTN BEARING-SUDAMERICANA, S.A.

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	80MM Bore; 170MM Outside Diameter; 39MM 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	6316
Weight / LBS	3.65
Outer Race Width	1.535 Inch 39 Millimeter
Bore	3.15 Inch 80 Millimeter
Outside Diameter	6.693 Inch 170 Millimeter
bore diameter:	80 mm
internal clearance:	C0
outside diameter:	170 mm
dynamic load capacity:	123000 N
overall width:	39 mm
precision rating:	ABEC1, P0



NTN BEARING-SUDAMERICANA, S.A.

bore type:	Round
finish/coating:	Uncoated
closure type:	Open
cage material:	Steel Cage
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm:	4800 rpm
snap ring included:	Without Snap Ring
SRI	14.79
hidYobi	6316
LangID	1
D_	170
SREX	0.05
B_	39
da min	91
hidTable	ecat_NSRDGB
Oil rpm	4800
SRE	14.79
mass	3.67
GRS rpm	4000
ra	2
SRIX	0.05
D_a	159
SRIN	-0.05
C0	86.5
fo	13.3
SREN	-0.05
DE_	153.575
Prod_Type3	DGBB_SR_OT
DA_	28.575
bomp	0
Z_	8
yobi	6316



NTN BEARING-SUDAMERICANA, S.A.

C_conv	123000
ALPHA_	0
SDM_	125
r	2.1
KBRG	6101
SBRG	3
DI_	96.425