



## BEARING FORGE OF AMERICA CORP.



### 35 mm x 80 mm x 21 mm nsk 6307 bearing

Bearing No. 6307

Size	35x80x21 mm
Bore Diameter	35 mm
Outer Diameter	80 mm
Width	21 mm
d	35 mm
D	80 mm
B	21 mm
C	21 mm
r min.	1,5 mm
da min.	43 mm
da max	47 mm
Da max.	72 mm
ra max.	1,5 mm
Weight	0,464 Kg
Basic dynamic load rating (C)	33,5 kN
Basic static load rating (C0)	19,2 kN
(Grease) Lubrication Speed	8 500 r/min
(Oil) Lubrication Speed	10 000 r/min
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.46
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1   ISO P0

6307 Bearing 2D drawings and 3D CAD models



## BEARING FORGE OF AMERICA CORP.

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	35MM Bore; 80MM Outside Diameter; 21MM 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	<a href="http://www.nskamericas.com">http://www.nskamericas.com</a>
Manufacturer Item Number	6307
Weight / LBS	0.457
Outer Race Width	0.827 Inch   21 Millimeter
Outside Diameter	3.15 Inch   80 Millimeter
Bore	1.378 Inch   35 Millimeter
bore diameter:	35 mm
internal clearance:	C0
outside diameter:	80 mm
dynamic load capacity:	33500 N
overall width:	21 mm
precision rating:	ABEC1, P0
bore type:	Round



## BEARING FORGE OF AMERICA CORP.

finish/coating:	Uncoated
closure type:	Open
cage material:	Steel Cage
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm:	10000 rpm
snap ring included:	Without Snap Ring
SRI	6.81
hidYobi	6307
LangID	1
D_	80
SREX	0.05
B_	21
da min	43
hidTable	ecat_NSRDGB
Oil rpm	10000
SRE	7.15
mass	0.464
GRS rpm	8500
ra	1.5
SRIX	0.025
D_a	72
SRIN	0
C0	19.2
fo	13.2
SREN	0
DE_	71.494
Prod_Type3	DGBB_SR_OT
DA_	13.494
bomp	0
Z_	8
yobi	6307
C_conv	33500



## BEARING FORGE OF AMERICA CORP.

ALPHA_	0
SDM_	58
r	1.5
KBRG	6101
SBRG	3
DI_	44.506