



AMERICAN BEARING MFG.CORP.



105 mm x 190 mm x 36 mm 105 mm x 190 mm
x 36 mm Slewing Drive for Single and Dual Axis
Solar Tracking Systems

Bearing No. 6221

6221 Bearing 2D drawings and 3D CAD models

Size	105x190x36 mm
Bore Diameter	105 mm
Outer Diameter	190 mm
Width	36 mm
d	105 mm
D	190 mm
B	36 mm
C	36 mm
r min.	2,1 mm
da min.	116 mm
da max	127,5 mm
Da max.	179 mm
ra max.	2 mm
Weight	3,79 Kg
Basic dynamic load rating (C)	133 kN
Basic static load rating (C0)	105 kN
(Grease) Lubrication Speed	3 400 r/min
(Oil) Lubrication Speed	4 000 r/min
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.79
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	105MM Bore; 190MM Outside Diameter; 36MM 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	6221
Weight / LBS	3.75
Outside Diameter	7.48 Inch 190 Millimeter
Bore	4.134 Inch 105 Millimeter
Outer Race Width	1.417 Inch 36 Millimeter
bore diameter:	105 mm
closure type:	Open
outside diameter:	190 mm
internal clearance:	Normal Clearance
overall width:	36 mm
manufacturer upc number:	029176015922



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bore type:	Round
SRI	13.97
hidYobi	6221
LangID	1
D_	190
SREX	0.05
B_	36
da min	116
hidTable	ecat_NSRDGB
Oil rpm	4000
SRE	13.97
mass	3.79
GRS rpm	3400
ra	2
SRIX	0.05
D_a	179
SRIN	-0.05
C0	105
fo	14.4
SREN	-0.05
DE_	174.488
Prod_Type3	DGBB_SR_OT
DA_	26.988
bomp	0
Z_	10
yobi	6221
C_conv	133000
ALPHA_	0
SDM_	147.5
r	2.1
KBRG	6101
SBRG	2



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