



TIMKEN FORGE OF AMERICA BEARING CORP.



6301 Bearing 2D drawings and 3D CAD models

Saifan Bearing 6301 2RS 6005 6201 2RS 6203
 Dirs NTN NSK Bearing 6204z

Bearing No. 6301

Size	12x37x12 mm
Bore Diameter	12 mm
Outer Diameter	37 mm
Width	12 mm
d	12 mm
D	37 mm
B	12 mm
C	12 mm
r min.	1 mm
da min.	17 mm
da max	18 mm
Da max.	32 mm
ra max.	1 mm
Weight	0,06 Kg
Basic dynamic load rating (C)	9,7 kN
Basic static load rating (C0)	4,2 kN
(Grease) Lubrication Speed	20 000 r/min
(Oil) Lubrication Speed	24 000 r/min
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.03
EAN	0029176016196
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	12MM Bore; 37MM Outside Diameter; 12MM 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	6301
Weight / LBS	0.06
Outer Race Width	0.472 Inch 12 Millimeter
Bore	0.472 Inch 12 Millimeter
Outside Diameter	1.457 Inch 37 Millimeter
SRI	4.01
hidYobi	6301
LangID	1
D_	37
SREX	0.04
B_	12



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da min	17
hidTable	ecat_NSRDGB
Oil rpm	24000
SRE	4.21
mass	0.06
GRS rpm	20000
ra	1
SRIX	0.02
D_a	32
SRIN	0
C0	4.2
fo	11.1
SREN	0
DE_	32.438
Prod_Type3	DGBB_SR_OT
DA_	7.938
bomp	0
Z_	6
yobi	6301
C_conv	9700
ALPHA_	0
SDM_	24.5
r	1
KBRG	6101
SBRG	3
DI_	16.562