



NTN BEARING CORP.OF AMERICA



120 mm x 165 mm x 22 mm NSK 6924 deep groove ball bearings

Bearing No. 6924

6924 Bearing 2D drawings and 3D CAD models

Size	120x165x22 mm
Bore Diameter	120 mm
Outer Diameter	165 mm
Width	22 mm
d	120 mm
D	165 mm
B	22 mm
C	22 mm
r min.	1,1 mm
da min.	126,5 mm
da max	132 mm
Da max.	158,5 mm
ra max.	1 mm
Weight	1,21 Kg
Basic dynamic load rating (C)	53 kN
Basic static load rating (C0)	54 kN
(Grease) Lubrication Speed	3 800 r/min
(Oil) Lubrication Speed	4 500 r/min
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	1.2
EAN	0029176030130
Product Group	B00308



NTN BEARING CORP.OF AMERICA

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	120MM Bore; 165MM Outside Diameter; 22MM 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	6924
Weight / LBS	1.41
Bore	4.724 Inch 120 Millimeter
Outside Diameter	6.496 Inch 165 Millimeter
Outer Race Width	0.866 Inch 22 Millimeter
bore diameter:	120 mm
internal clearance:	C0
outside diameter:	165 mm
dynamic load capacity:	53000 N
overall width:	22 mm
precision rating:	ABEC1, P0



NTN BEARING CORP.OF AMERICA

bore type:	Round
finish/coating:	Uncoated
closure type:	Open
cage material:	Steel Cage
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm:	4500 rpm
snap ring included:	Without Snap Ring
SRI	6.98
hidYobi	6924
LangID	1
D_	165
SREX	0.025
B_	22
da min	126.5
hidTable	ecat_NSRDGB
Oil rpm	4500
SRE	6.98
mass	1.21
GRS rpm	3800
ra	1
SRIX	0.025
D_a	158.5
SRIN	-0.025
C0	54
fo	16.5
SREN	-0.025
DE_	155.994
Prod_Type3	DGBB_SR_OT
DA_	13.494
bomp	0
Z_	18
yobi	6924



NTN BEARING CORP.OF AMERICA

C_conv	53000
ALPHA_	0
SDM_	142.5
r	1.1
KBRG	6101
SBRG	19
DI_	129.006