

# NTN 678AZZ deep groove ball bearings

What is NTN 678AZZ deep groove ball bearings 12x21x5 Size (mm) in mechanical engineering? Manufacturing Service . Upload your CAD 12 Bore Diameter (mm) file 21 Outer Diameter (mm) for an instant.

Size (mm)	12x21x5
Bore Diameter (mm)	12
Outer Diameter (mm)	21
Width (mm)	5
d	12 mm
D	21 mm
B	5 mm
C	5 mm
r min.	0,3 mm
da min.	14 mm
da max	14 mm
Da max.	19 mm
ra max.	0,3 mm
Weight	0,006 Kg
Basic dynamic load rating (C)	1,92 kN
Basic static load rating (C0)	1,04 kN
(Grease) Lubrication Speed	32 000 r/min
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.006

EAN	0029176029738
Product Group	B00308
Enclosure	2 Metal Shields
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; 21MM Outside Diameter; 5MM Outer Race Diameter; 2 Metal Shields; Ball Bearing; ABEC 1   I
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Weight / LBS	0.472
Outer Race Width	0.197 Inch   5 Millimeter
Outside Diameter	0.827 Inch   21 Millimeter
Bore	0.472 Inch   12 Millimeter
bore diameter:	12 mm
static load capacity:	1040 N
outside diameter:	21 mm
precision rating:	ABEC 1 (ISO Class Normal)
overall width:	5 mm
finish/coating:	Uncoated
bore type:	Round

cage material:	Steel
closure type:	Double Shielded
outer ring width:	5 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	0.3 mm
internal clearance:	C0
maximum rpm:	38000 RPM
operating temperature range:	-10 to +110 °C
series:	68
dynamic load capacity:	1920 N
SRI	1.23
hidYobi	6801ZZ
LangID	1
D_	21
SREX	0.01
B_	5
da min	14
hidTable	ecat_NSRDGB
SRE	1.23
mass	0.006
GRS rpm	32000
ra	0.3
SRIX	0.01
D_a	19
SRIN	-0.01
C0	1.04
fo	15.3
SREN	-0.01
DE_	18.881

Prod_Type3	DGBB_SR_ZZ
DA_	2.381
bomp	0
Z_	12
yobi	6801ZZ
C_conv	1920
ALPHA_	0
SDM_	16.5
r	0.3
KBRG	6141
SBRG	18
DI_	14.119