



CYRE BEARING LTD



120 mm x 215 mm x 40 mm NTN NU224
JAPAN Bearing 120X215X40

Bearing No. NU224

Size	120x215x40 mm
Bore Diameter	120 mm
Outer Diameter	215 mm
Width	40 mm
d	120 mm
Fw	143,5 mm
D	215 mm
B	40 mm
C	40 mm
r min.	2,1 mm
r1 min.	2,1 mm
Weight	5,57 Kg
Basic dynamic load rating (C)	260 kN
Basic static load rating (C0)	320 kN
(Grease) Lubrication Speed	3 200 r/min
E	191.5 mm
F	143.5 mm
rs min	2.1 mm
r1s min	2.1 mm
Radial clearance class	CN
Mass (without HJ ring)	5.72 kg
Dynamic load, C	260 kN
Static load, C0	320 kN
Fatigue limit load, Cu	33.4 kN
Nlim (oil)	3,700 rpm

NU224 Bearing 2D drawings and 3D CAD models



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Nlim (grease)	3,200 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.84 Hz
Characteristic outer ring frequency, BPF0	6.85 Hz
Characteristic inner ring frequency, BRF1	9.15 Hz
da min	131 mm
da max	141 mm
db min	146 mm
Da max	204 mm
ra max	2 mm
r1a max	2 mm
Category	Roller Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	5.725
Product Group	B04144
bore diameter:	120 mm
static load capacity:	320000 N
outside diameter:	215 mm
precision rating:	ISO Class 0
overall width:	40 mm
maximum rpm:	3700 rpm
flanges:	(2) Outer Ring
bearing material:	Hardened Alloy Steel
bore type:	Straight



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cage material:	Pressed Steel
number of rows:	1
finish/coating:	Uncoated
internal clearance:	CN
closure type:	Open
ring separation:	Separable Inner Ring
fillet radius:	2 mm
operating temperature range:	-40 to 120 ° C
manufacturer product page:	Click here
dynamic load capacity:	260000 N