



CYRE BEARING LTD



100 mm x 215 mm x 47 mm NTN NU320
JAPAN Bearing 100X215X47

Bearing No. NU320

NU320 Bearing 2D drawings and 3D CAD models

Size	100x215x47 mm
Bore Diameter	100 mm
Outer Diameter	215 mm
Width	47 mm
d	100 mm
Fw	129,5 mm
D	215 mm
B	47 mm
C	47 mm
r min.	3 mm
r1 min.	3 mm
Weight	7,49 Kg
Basic dynamic load rating (C)	299 kN
Basic static load rating (C0)	335 kN
(Grease) Lubrication Speed	3 300 r/min
E	185.5 mm
F	129.5 mm
rs min	3 mm
r1s min	3 mm
Radial clearance class	CN
Mass (without HJ ring)	7.88 kg
Dynamic load, C	299 kN
Static load, C0	335 kN
Fatigue limit load, Cu	35.6 kN
Nlim (oil)	3,800 rpm



CYRE BEARING LTD

Nlim (grease)	3,300 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.45 Hz
Characteristic outer ring frequency, BPF0	5.34 Hz
Characteristic inner ring frequency, BRF1	7.66 Hz
da min	113 mm
da max	125 mm
db min	132 mm
Da max	202 mm
ra max	2.5 mm
r1a max	2.5 mm
Category	Roller Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	7.377
Product Group	B04144
bore diameter:	100 mm
precision rating:	ISO Class 0
outside diameter:	215 mm
maximum rpm:	3800 rpm
overall width:	47 mm
bearing material:	Hardened Alloy Steel
flanges:	(2) Outer Ring
cage material:	Pressed Steel
bore type:	Straight



CYRE BEARING LTD

finish/coating:	Uncoated
number of rows:	1
closure type:	Open
internal clearance:	CN
outer ring width:	47 mm
ring separation:	Separable Inner Ring
fillet radius:	2.5 mm
operating temperature range:	-40 to 120 ° C
series:	NU
dynamic load capacity:	299000 N
manufacturer product page:	Click here
static load capacity:	335000 N