



Timken BEARINGS INDUSTRY



110 mm x 200 mm x 38 mm NTN NU222
cylindrical roller bearings

Bearing No. NU222

NU222 Bearing 2D drawings and 3D CAD models

Size	110x200x38 mm
Bore Diameter	110 mm
Outer Diameter	200 mm
Width	38 mm
d	110 mm
Fw	132,5 mm
D	200 mm
B	38 mm
C	38 mm
r min.	2,1 mm
r1 min.	2,1 mm
Weight	4,63 Kg
Basic dynamic load rating (C)	240 kN
Basic static load rating (C0)	290 kN
(Grease) Lubrication Speed	3 400 r/min
E	178.5 mm
F	132.5 mm
rs min	2.1 mm
r1s min	2.1 mm
Radial clearance class	CN
Mass (without HJ ring)	4.84 kg
Dynamic load, C	240 kN
Static load, C0	290 kN
Fatigue limit load, Cu	31 kN
Nlim (oil)	4,000 rpm



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Nlim (grease)	3,400 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
da min	121 mm
da max	130 mm
db min	135 mm
Da max	189 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	4.694
EAN	4547359141856
Product Group	B04144
bore diameter:	110 mm
precision rating:	ISO Class 0
outside diameter:	200 mm
maximum rpm:	4000 rpm
overall width:	38 mm
bearing material:	Hardened Alloy Steel
flanges:	(2) Outer Ring
cage material:	Pressed Steel
bore type:	Straight
finish/coating:	Uncoated
number of rows:	1
closure type:	Open
internal clearance:	CN
outer ring width:	38 mm
ring separation:	Separable Inner Ring



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fillet radius:	2 mm
operating temperature range:	-40 to 120 ° C
series:	NU
dynamic load capacity:	240000 N
manufacturer product page:	Click here
static load capacity:	290000 N