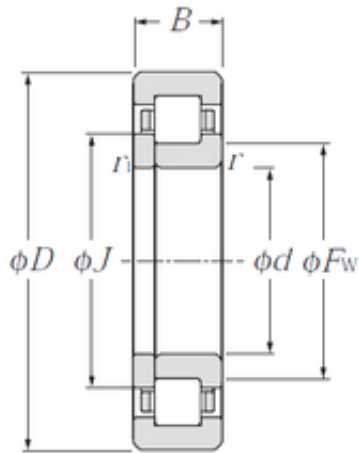




# BEARING-THAILAND CO.,LTD.



110 mm x 240 mm x 50 mm NTN NUP322  
cylindrical roller bearings

Bearing No. NUP322

Size	110x240x50 mm
Bore Diameter	110 mm
Outer Diameter	240 mm
Width	50 mm
d	110 mm
Fw	143 mm
D	240 mm
B	50 mm
C	50 mm
r min.	3 mm
r1 min.	3 mm
J	155,5 mm
Weight	10 Kg
Basic dynamic load rating (C)	360 kN
Basic static load rating (C0)	400 kN
(Grease) Lubrication Speed	3 000 r/min
E	121.5 mm
F	83.5 mm
d1	91 mm
rs min	2.1 mm
r1s min	2.1 mm
Radial clearance class	CN
Mass (without HJ ring)	2.3 kg
Dynamic load, C	135 kN
Static load, C0	139 kN

NUP322 Bearing 2D drawings and 3D CAD models



## BEARING-THAILAND CO.,LTD.

Fatigue limit load, $C_u$	16.8 kN
$N_{lim}$ (oil)	6,000 rpm
$N_{lim}$ (grease)	5,100 rpm
Min operating temperature, $T_{min}$	-40 ° C
Max operating temperature, $T_{max}$	120 ° C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.21 Hz
Characteristic outer ring frequency, BPF0	4.89 Hz
Characteristic inner ring frequency, BRFI	7.11 Hz
$d_a$ min	76 mm
$d_c$ min	93 mm
$D_a$ max	129 mm
$r_a$ max	2 mm